

State of Colorado
Oil and Gas Conservation Commission
DEPARTMENT OF NATURAL RESOURCES



RECEIVED

SEP 20 1999

APPLICATION FOR PERMIT TO:

1 a. TYPE OF WORK

☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

1 b. TYPE OF WELL

OIL ☒ GAS ☐ COAL BED ☐ OTHER: ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONES ☐

Refilling ☐
SideTrack ☐

1997 0117
ET ☒ OE ☒ PR ☐ ES ☐

2. OGCC Operator Number: 51820
3. Name of Operator: Lyco Energy Corp.
4. Address: 300 E. 16th St., Suite 216
City: Greeley State: CO Zip: 80631
5. Contact Name & Phone: Dirk Olsen
No: 970-353-8055
Fax: 970-353-8062
6. Well Name: Skurich Roth Well Number: NE-6
7. Unit Name (if Appl.): Unit No:
8. Objective Formation(s): Codell Formation Code: CODL
9. Proposed Total Depth: 7000'

Complete the
Attachment Checklist

APD Original & 2 Copies	Op	OGCC
Form 2A (Reclamation) & 1 Copy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Permit Fee (\$200) \$50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Well Location Plat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Copy of Topo Map	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Plugging Surety	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mineral Lease Map	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface Agreement/Surety	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pit Permit (Form 15)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Deviated Drilling Plan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Request for Exception Location	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Exception Location Waivers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
H2S Contingency Plan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Federal Drilling Permit (1 Set)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Notices of Allocation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
305 3224 8/11/99	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sent Complete Permit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Package to County	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

WELL LOCATION INFORMATION

10. QtrQtr: CNE Sec: 6 Twp: 5N Rng: 63W Meridian: 6 PM
11. Footage From Exterior Section Lines (if directional, submit drilling plan):
At Surface: 1308 FNL & 1313 FEL
If directional, at Top Proposed Prod. Zone: N/A
If directional, at Bottom Hole: N/A
12. Ground Elevation: 4662 13. County: Weld
14. Field Name: Wattenberg Field Number: 90750

LEASE, SPACING, AND POOLING INFORMATION

15. Spacing Order #(s): 16. # Acres in Unit: 160 17. Unit Description:
18. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #:
19. Surface Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian
Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No
If No: ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Bond ☐ \$2,000 Bond ☐ \$5,000 Bond
20. Total Acres in Lease: 160 21. Describe Entire Lease by QtrQtr, Sec, Twp, Rng (attach separate sheet/map if required):
Sec. 6, T5N, R63W
22. Is location in a high density area (Rule 803b)? ☒ No ☐ Yes
23. Distance to nearest Lease Line: 1308 24. Distance to nearest Property Line: 1308
25. Distance to nearest well completed in the same Formation: 660
26. Distance to nearest building, public road, major above ground utility or railroad: N/A
** The use of an earthen pit for recompletion fluids requires a pit permit (Rule 905b).

DRILLING PLANS AND PROCEDURES

27. Approx. Spud Date: 10/15/99 14723 * If Air/Gas Drilling, Notify Local Fire Officials
28. Drilling Contractor Number: 29225 Name: Caza Drilling Phone #: 303 292 1206
29. Is H2S Anticipated: ☒ No ☐ Yes If yes, attach contingency plan.
30. Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? ☒ No ☐ Yes
31. Will salt sections be encountered during drilling? ☒ No ☐ Yes
32. If questions 30 or 31 are yes, is this location in a sensitive area (Rule 903)? ☒ No ☐ Yes
33. Mud disposal: ☒ Offsite ☐ Onsite
Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility ☐ Other:

CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Sks Cement	Cement Bottom	Cement Top
12 1/2	8 5/8	24#	350	200	350	Surface
7 7/8	3 1/2	7.7#	7000	160	7000	6200
Stage Tool						

35. BOP Equipment: ☐ Annular Preventor ☐ Double Ram ☒ Rotating Head ☐ None

36. Comments, if any:

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Dirk Olsen

Signed: [Signature] Title: Dist. Prod. Superintendent Date: 9/13/99

OGCC Approved: [Signature] Director of COGCC Date: OCT 19 1999

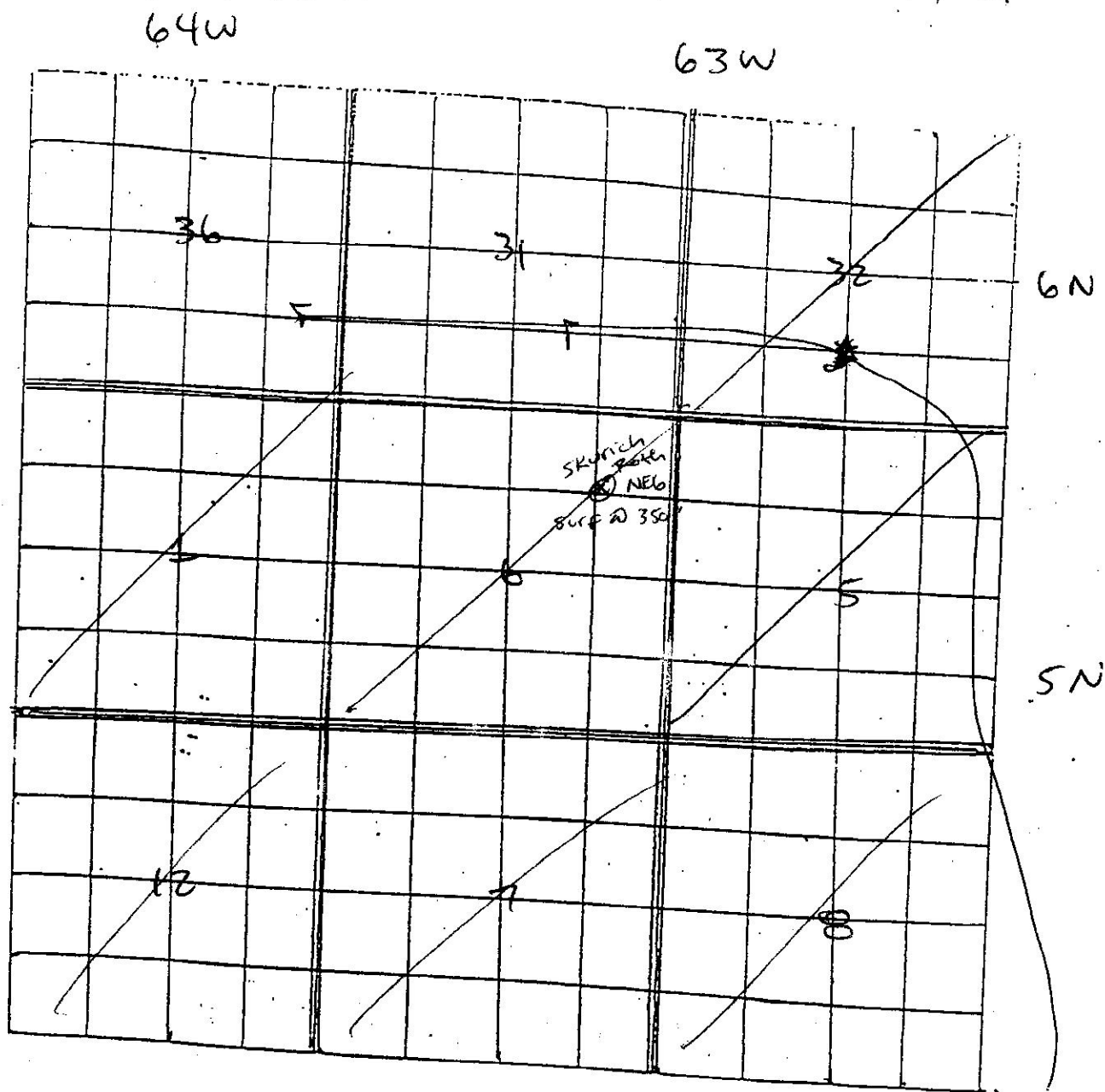
API NUMBER

05-123 19821 00

Permit Number: 990756 Expiration Date: OCT 18 2000

CONDITIONS OF APPROVAL, IF ANY:

CONTACT LINDA PAVELKA 48 HOURS PRIOR TO SPUD AT 303-857-1635.
IF WELL IS A DRY HOLE SET PLUGS AT THE FOLLOWING DEPTHS: 1) 40 SX CEMENT PLUG @ NIOBRARA BASE
2) 50 SX CEMENT PLUG 50' BELOW THE SURFACE CASING SHOE EXTENDING 50' INSIDE THE SURFACE CASING
3) 10 SX CEMENT PLUG AT TOP OF SURFACE CSG, CUT SURFACE CASING 4' BELOW GROUND LEVEL, WELD PLATE



ONLY
CD, NB & FH
prod within
AOR

must set surf csg
50' below deepest
permitted H₂O
well in AOR

All H₂O wells
within AOR ~~are~~
less than 100'
See attached
data base
records

	QTR	QTR	SEC	TWNS	RANGE	PM	NAME	DEPTH	TPERF	BPERF
A	SW	NE	02	050N	0630W	S	FOE LOIS E.	33		
B	NE	SE	06	050N	0630W	S	CENTRAL COLO WTR CONSERVANCY D			
C	NW	SW	11	050N	0630W	S	HOLMAN J	50		
D		NE	13	050N	0630W	S	NATIONAL HOG FARM	30		
E	NE	NW	13	050N	0630W	S	NUSSER HERBERT J	41		
F		SE	13	050N	0630W	S	NATIONAL HOG FARM	60		
G	SE	SW	13	050N	0630W	S	DOAK RANCH	172		
H	NW	NE	19	050N	0630W	S	PUTNAM LAKE			
I	SE	NE	19	050N	0630W	S	CHRISTENSEN F			
J	SE	NE	19	050N	0630W	S	COCKROFT DAIRY FARMS	60		
K	SE	NE	19	050N	0630W	S	COCKROFT DAIRY FARMS	56	36	56
L	SE	NE	19	050N	0630W	S	COCKROFT DAIRY FARMS			
M	SW	NE	19	050N	0630W	S	CHRISTENSON FRANCES	28		
N	SW	NE	19	050N	0630W	S	CHRISTENSON FRANCES	24		
O	SW	NE	19	050N	0630W	S	FORESTER MARY A	33		
P	NW	NW	19	050N	0630W	S	BELDEN BRETT & ISABEL VALLE	42		
Q	NW	NW	19	050N	0630W	S	KISSLER ROLAND H. & MARY E. &	32		
R	NE	SE	19	050N	0630W	S	FORESTER MARY A	36		
S		SW	19	050N	0630W	S	CO WATERFOWL INC			
T	NW	SW	20	050N	0630W	S	NATIONAL HOG FARMS			

Letter=Choice | F10=Mark 1 | PgUp/PgDn=±20 | UpAr/DnAr =±1 | Esc=Quit

	QTR	QTR	SEC	TWNS	RANGE	PM	NAME	DEPTH	TPERF	BPERF
A	SE	SW	36	040S	0640W	S	CO JOURNEYMAN & APPRENTICE TRA			
B	NE	NE	02	050N	0640W	S	MEYER EDWARD E & BETTY L	35	17	35
C	NE	NE	02	050N	0640W	S	MEYER EDWARD E & BETTY L	35		
D	NE	NE	02	050N	0640W	S	MEYER EDWARD	59		
E	SE	NE	02	050N	0640W	S	MEYER BETTY L & EDWARD E	50		
F	NE	SE	02	050N	0640W	S	MEYER EDWARD E & BETTY L	50		
G	NE	SE	02	050N	0640W	S	MEYER EDWARD E & BETTY L	50		
H	NW	NE	03	050N	0640W	S	ACHZIGER CHARLES	50		
I	NW	SW	03	050N	0640W	S	JOHNSON HERMAN L	53		
J	SW	SW	03	050N	0640W	S	MILLAGE DONALD D & GRACE	77		
K	SW	NW	04	050N	0640W	S	HOFF RICHARD D. & SHARON L.	70		
L	SW	NW	04	050N	0640W	S	AMES DELMAR	75		
M	NW	SE	04	050N	0640W	S	WESENBERG ED	92		
N	SE	SE	04	050N	0640W	S	WESENBERG ED	101	80	101
O	NE	SW	04	050N	0640W	S	WARDLAW JOHN	90		
P	NW	SW	04	050N	0640W	S	ACHZIGER CHARLES L.	70		
Q	SE	SW	04	050N	0640W	S	SITZMAN REUBEN & LYDIA	84		
R	SW	SW	04	050N	0640W	S	ACHZIGER CHARLES & MARIE	95	75	95
S	NW	NE	05	050N	0640W	S	CHURCH OF JESUS CHRIST OF LDS			
T	SW	NE	05	050N	0640W	S	SITZMAN JOHN	63		

Letter=Choice | F10=Mark 1| PgUp/PgDn=±20 | UpAr/DnAr =±1 |Esc=Quit

	QTR	QTR	SEC	TWNS	RANGE	PM	NAME	DEPTH	TPERF	BPERF
A	NW	SW	11	050N	0640W	S	HOLMAN JACK	95		
B	SW	NW	12	050N	0640W	S	SMITH D V	80		
C	SW	NW	12	050N	0640W	S	S W RANCH CO & THOMSON JOY			
D	SW	SE	12	050N	0640W	S	S.L.W. RANCH CO			
E	SW	SW	12	050N	0640W	S	S.L.W. RANCH CO & THOMSON JOY			
F	NE	NE	13	050N	0640W	S	MC KELVEY D			
G	NW	NE	13	050N	0640W	S	LOHR RALPH E	56	38	56
H	SW	NE	13	050N	0640W	S	HOP ANDREW & PAULA	62	30	62
I	SW	NE	13	050N	0640W	S	LOHR RALPH	28		
J	SW	NE	13	050N	0640W	S	LOHR RALPH	40	20	40
K	SW	NE	13	050N	0640W	S	LOHR RALPH			
L	NE	NW	13	050N	0640W	S	HOSHIKO PAUL AND JEAN	71		
M	NW	NW	13	050N	0640W	S	OGILVIE JAMES L	42		
N	NW	NW	13	050N	0640W	S	OGILVIE JAMES L	94		
O	NW	NW	13	050N	0640W	S	HOSHIKO PAUL AND JEAN	94	64	94
P	NW	SE	13	050N	0640W	S	MIKAWA KAZUMA M	70		
Q	SW	SE	13	050N	0640W	S	MIKAWA KAZUMA	80		
R	NW	SW	13	050N	0640W	S	OGILVIE JAMES L	99		
S	SW	SW	13	050N	0640W	S	CLARK LESTER W & KATIE	10		
T	NE	NE	14	050N	0640W	S	COCKROFT LOREN	30	21	30

Letter=Choice | F10=Mark 1| PgUp/PgDn=±20 | UpAr/DnAr =±1 |Esc=Quit

	QTR	QTR	SEC	TWNS	RANGE	PM	NAME	DEPTH	TPERF	BPERF
A	NW	NW	35	060N	0640W	S	WARDLAW ROBERT	38	23	33
B	NW	NW	35	060N	0640W	S	WARDLAW ROBERT	38	23	33
C	SE	SE	35	060N	0640W	S	HILZER IRENE & GEORGE	32		
D	SE	SE	35	060N	0640W	S	HILZER GEORGE	49		
E	SE	SE	35	060N	0640W	S	HOFFNER KENNETH	48		
F	NE	NE	36	060N	0640W	S	OTTINGER VIRGIL	57	35	56
G	SE	NE	36	060N	0640W	S	OTTINGER VIRGIL	67		
H	NE	NW	36	060N	0640W	S	VANNOY PHIL B & CAMMY M	28		
I	NE	NW	36	060N	0640W	S	VANNOY PHIL H & CAMMY M	43		
J	NW	NW	36	060N	0640W	S	PETERSON MILFORD E	32		
K	NW	NW	36	060N	0640W	S	PETERSON MILFORD E	29		
L	NW	NW	36	060N	0640W	S	PETERSON MILFORD E	45		
M	NW	NW	36	060N	0640W	S	PETERSON MILFORD E	43		
N	SE	NW	36	060N	0640W	S	MYERS LAWRENCE A & MARGARTE C	50		
O	SE	SE	36	060N	0640W	S	BASHOR, MILLARD C	51		
P	SE	SE	36	060N	0640W	S	BATES DAVID E	71		
Q	NW	SW	36	060N	0640W	S	BASHOR, MILLARD C	53		
R	SW	SW	36	060N	0640W	S	BASHOR MILLARD C	49		
S	SE	NE	01	060S	0640W	S	HANES DOUGLAS			
T	NW	SW	01	060S	0640W	S	DAUGHENBAUGH RUSSEL	221		

Letter=Choice | F10=Mark 1 | PgUp/PgDn=±20 | UpAr/DnAr =±1 | Esc=Quit

	QTR	QTR	SEC	TWNS	RANGE	PM	NAME	DEPTH	TPERF	BPERF
A	NW	SW	30	060N	0630W	S	FAIRMEADOW LAND CO	45		
B	NE	NW	31	060N	0630W	S	MILLER JACOB JR & SHIRLEY L	60		
C	NE	NW	31	060N	0630W	S	MILLER JACOB JR. & SHIRLEY L.	60		
D	NW	NW	31	060N	0630W	S	MILLER JR JACOB & SHIRLEY L	30		
E	NE	SW	31	060N	0630W	S	MILLER JACOB & SHIRLEY	59		
F	NW	SW	31	060N	0630W	S	MILLER JR JACOB & SHIRLEY L	30		
G	SW	SW	31	060N	0630W	S	MILLER JR JACOB & SHIRLEY L	30		
H	SW	SW	31	060N	0630W	S	MILLER JOHN			
I	SW	SW	31	060N	0630W	S	MILLER JOHN	75	55	75
J	SE	NE	03	060S	0630W	S	KIOWA CREEK LAND & LIVESTOCK C	620	520	620
K	NW	NW	03	060S	0630W	S	MYERS JON DOUGLAS	560	480	560
L	NW	NW	03	060S	0630W	S	MYERS J D			
M	NW	NW	03	060S	0630W	S	MYERS JON DOUGLAS	720	650	710
N	NW	NW	03	060S	0630W	S	MYERS J D			
O	NW	SW	03	060S	0630W	S	HANLON ROBERT		480	675
P	NE	NE	04	060S	0630W	S	A & W WATER SERV			
Q	NE	NE	04	060S	0630W	S	A & W WATER SERVICE			
R	NE	NE	04	060S	0630W	S	VETTER DAVID	35	20	35
S	SW	SE	05	060S	0630W	S	THORTON WILLIAM	207		
T	NW	NE	06	060S	0630W	S	HORECKEY VEITA	500	300	500

Letter=Choice | F10=Mark 1 | PgUp/PgDn=±20 | UpAr/DnAr =±1 | Esc=Quit