

US ROCKIES REGION

Anadarko Daily Summary Report

Well: RUSCH 34-15

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Project:COLORADO-WELD-NAD83-UTM13

Site:RUSCH #34-15

Rig name no.:O'KEEFE DRILLING/DR-24

Event: RE ENTER

Start date: 3/24/2015

End date:

Spud date: 2/24/1981

Active datum: RKB @4,805.00usft (above Mean Sea Level)

UWI: NW/SE/0/3/N/67/W/15/0/0/6/PM/S/1,340.00/E/0/1,580.00/0/0

Report no.	Report date	MD (usft)	24 hr summary
1	02/16/2015		EXCAVATED DOWN ~20' AND LOCATED CEMENT FROM SURFACE CASING. SET A 16" CONDUCTOR AROUND CEMENT SHEATH AND BROUGHT TO SURFACE.
2	03/24/2015	83	MIRU O'KEEFE DRILLING DUAL ROTARY RIG. RIH AND DRILL WET CEMENT W/ 12.75" CSG AND 11.75" TRI-CONE DOWN TO 63'. BROKE HOSE.,WAIT ON REPAIR. CONTINUE RIH DRILLING OUT CEMENT. End day with Csg @ 83' and bit @ 78'. Est that 6' of surface casing swallowed
3	03/25/2015	95	POOH w/drill stem & bit.Camera not working @ surface. TIH w/ Baker 11.75" mill. Tag 6.5' high, mill down to 84' not seeing csg stub. POOH w/mill, PU 11.75" tri-cone bit and add 20' of csg, drill down to 95'. Ground collapsed outside 16" SD operations
100	04/01/2015	95	MI TR Denner rig 3. Wait on orders. RU. SDFN
4	04/01/2015	95	MIRU Ultra Crane to well. PU 10" Poly, insert into 12" to 90'. Pull 12" csg and LD. RU Warrior WL, Scientific Drilling's EMS 's tools TIH to 80'. Tools would not work. SDFD to repair. Solidfy drill cuttings and haul out.
101	04/02/2015	95	RU SWABBING UNIT AND ATTEMPT TO BAIL GRAVEL 10' IN POLY TO 90' RD SU. RU WARRIOR WL AND MU SCIENTIFIC DRILLING'S EMS TOOLS AND RIH TO 83' AND LOG. ANALYZE DATA TO FIND TOP OF FISH.

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Project: COLORADO-WELD-NAD83-UTM13

Site: RUSCH #34-15

Rig name no.: O'KEEFE DRILLING/DR-24, PETE MARTIN
DRILLING/UNK, ENSIGN 145/145

Event: RE ENTER

Start date: 5/5/2015

End date: 7/21/2015

Spud date: 2/24/1981

Active datum: RKB @4,805.00usft (above Mean Sea Level)

UWI: NW/SE/0/3/N/67/W/15/0/0/6/PM/S/1,340.00/E/0/1,580.00/0/0

Report no.	Report date	MD (usft)	24 hr summary
1	05/05/2015		MI Open Range Services, fuse pull head on 10" Poly. MIRU Ultra Energy crane pull 10" poly out of well and lay down beside well. Nails Service's delivered Forklift,
2	05/08/2015		MIRU O'KEEFE DRILLING DUAL ROTARY RIG, PU 12" BURN SHOE & WELD ONTO BOTTOM JT OF 12" CSG, PU 11.75" TRI-CONE BIT ON 6" DRILL PIPE, RIH TO 44', SHUT DOWN DUE TO RAINY CONDITIONS, MADE IT DIFFICULT TO WELD 12" CSG CONNECTIONS, SDFN
3	05/09/2015		MAKE CONNCTION & CONTINUE IN HOLE, FELT A LITTLE TAG @ 45', BUT GOT RIGHT THROUGH & WENT RIGHT DOWN, DRILL DOWN TO 64', STARTING TO BUBBLE UP UNDERNEATH RIG MATS AT SURFACE, TOO H W/ 6" DRILL PIPE, 11.75" BIT & 12" CSG, RDMO O'KEEFE DRILLING, SDFN
4	05/11/2015		HAVE NAILL SERVICES REMOVE CASING & ROLL-OFF DUMPSTER OFF OF RIG MATS, HAVE MILLER-HFI REMOVE RIG MATS AWAY FROM WELL, GET EASTERN COLORADO WELL SERVICE VAC TRUCKS & SUCK OUT STANDING RAIN WATER ON LOCATION, SDFN
5	05/12/2015		HAVE A LINE LOCAT DONE, WAIT ON TRACK HOE, DIG OUT AROUND WELL 12' DOWN IN A 15'-20' AREA, BACKFILL W/ ABOUT 50 LOADS OF ROAD BASE, PUT A 6' CELLAR RING AROUND WELL AT SURFACE, SDFN
6	05/13/2015		PACK DOWN & LEVEL OUT LOCATION, CEMENT CELLAR RING IN PLACE W/ 15 BAGS OF QUIKRETE, INSTALL RIG MATS, SEVEN ON EACH SIDE OF WELL, MIRU PETE MARTING RIG #R12, SDFN
7	05/14/2015		RIH W/ 15' AUGER, TAG @ 16', DRILL DOWN TO 55', INNER KELLY STUCK & WON'T SCOPE IN, POOH, CLEAN OUT KELLY W/ PRESSURE WASHER, WELD ON NEW CLEVICE ON TOP OF RIG BOOM, RIH, DRILL DOWN TO 52, KELLYS STILL LOCKING UP', CUT 190' POLY STRING DOWN TO 120', SDFN
8	05/15/2015		CLEAN OFF INNER KELLYS W/ PRESSURE WASHER, RDMO PETE MARTIN RIG #R12, HAVE MILLER-HFI MOVE ALL RIG MATS OFF LOCATION, HAVE NAILL SERVICES LOAD UP AND TAKE ALL 12" & 9-5/8" CASING OFF LOCATION AND TAKE IT TO APC YARD, SDFN
12	05/19/2015		
9	05/26/2015		MIRU PETE MARTING RIG #R12, CUT 48" CSG AT GROUND LEVEL, WAIT ON MUD, RIH W/ 26" BUCKET, TAG @ 19', DRILL DOWN TO 85' WHILE OCCASIONALLY LOADING HOLE W/ 12# MUD, PULL 26" BUCKET OUT OF HOLE, SDFN
10	05/27/2015	99	RIH W/ 26" BUCKET, TAG @ 85', DRILL DOWN TO 86', POOH, PU TWO JTS OF 13-3/8" 54.5# CSG, END OF CSG @ 86', RU SANJEL CEMENTERS, PUMP 375SX OF 14.8# 1.33 YIELD TYPE 3 CEMENT, DISPLACE WIPER PLUG TO 60', SWI W/ 10PSI, SDFN
11	05/28/2015	99	RD SANJEL'S CEMENT HEAD, COVER 48" CONDUCTOR W/ STEEL GRATING, RDMO PETE MARTIN RIG #R12
12	06/03/2015	99	RIGGING DOWN, MOVED IN THE CAMPS
13	06/04/2015	99	RIG DOWN, WAIT ON DAYLIGHT / MOVE ALL EQUIPMENT / SET THE SUB, PIN DERRICK, SET IN THE BACK YARD / REPLACE THE SERVICE LOOP AND RIG UP THE BACK YARD
14	06/05/2015	99	FINISH HAULING RIG TO LOCATION, R/U ON NEW LOCATION
15	06/06/2015	101	RIG UP / PICK UP THE BHA / CHECK EQUIPMENT / DRILL CEMENT AND 2' OF OPEN HOLE / TRIP OUT OF THE HOLE / MAKE UP THE REST OF THE 8" ASSEMBLY AND STAND IT BACK / MAKE UP THE RANGING AND GYRO BHA'S
16	06/07/2015	165	RUN GYRO / RIG SERVICE / DRILL 101 - 116' / RUN GYRO / SLIDE AND DRILL 116' - 139' / RUN GYRO / RUN RANGING SURVEY / WO RANGING REPORT / DRILL 139' - 165' / AY DOWN 8" ASSY AND 12.25 BIT / RUN GYRO SURVEY / RUN B-TOTAL LOG AND RANGING SURVEY'S
17	06/08/2015	180	RANGING THE 12.25 SECTION / DRILL THE 6.125 PILOT HOLE / RUN GYRO / RUN RANGING ASSY. / RAN 9 5/8 CASING / PUMP 86 SKS OF 15.8 PPG 1.16 YIELD CLASS G CEMENT / WAIT ON CEMENT / CUT OFF CONDUCTOR RISER AND SURFACE PIPE / WELD ON THE WELLHEAD
18	06/09/2015	180	WELD BRADEN HEAD / NIPPLE UP BOP / PRESSURE TEST / TRIP IN THE HOLE / RIG REPAIR (FLOW LINE)

COMMENTS:

05/27/15 - WE WERE PLANNING ON PUMPING 109BBLs OF SLURRY, THATS w/ 100% EXCESS, GOT CEMENT BACK TO SURFACE @ 75BBLs

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Site: RUSCH #34-15

Rig name no.: O'KEEFE DRILLING/DR-24, PETE MARTIN
DRILLING/UNK, ENSIGN 145/145

Event: RE ENTER

Start date: 5/5/2015

End date: 7/21/2015

Spud date: 2/24/1981

Active datum: RKB @4,805.00usft (above Mean Sea Level)

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19	06/10/2015	210	EVAC DRILL / DRILL CEMENT / PICK UP DRILLING ASSY / EVAC DRILL / DRILL WITH GYRO/DRILLING ASSY F/ 167' T/ 185'. / RUN DEDICATED GYRO / TIH WITH GYRO/DRILLING ASSY, DRILL F/ 185' T/ 195'. / RUN GYRO ASSY / RUN RANGING ASSY / DRILLING 195 - 210' / GYRO
20	06/11/2015	240	RAN GYRO SURVEY 200' / RANGE FROM 190-210' / ATTEMPT TO TROUGH THE WELL TO THE NORTH / RIG SERVICE / DRILL F/ 210' T/ 225' / RUN GYRO / RANGING F/ 215' T/ 225' / DRILL F/ 225' T/ 240' / RUN GYRO / RUN RANGING TOOL IN THE HOLE
21	06/12/2015	320	RANGING OPERATION / DRILL SLIDE 240' - 255' / RAN GYRO / RANGING OPERATION / DRILL 255' - 270' / RAN GYRO / RANGING OPERATION / DRILL F/ 255' T/ 270' / DRILL F/ 270' T/ 300' / RAN GYRO / DRILL 300' - 320' / ATTEMPT TO TROUGH/ WASH INTO THE WELL
22	06/13/2015	400	WASH, TROUGH @ 320' / RUN GYRO / RUN B-TOTAL LOG / DRILL F/ 320' T/ 340'. / RUN GYRO / CHANGE OUT CAMP GENERATOR / DRILL & REAM F/ 340' T/ 360'. / RIG SERVICE / RUN GYRO / DRILLED & REAM 360' - 380' / RUN GYRO / DRILLED & REAM 380' - 400'
23	06/14/2015	165	WASH REAM / RUN GYRO / DRILL 400' - 420' / WASH REAM, TROUGH / RUN GYRO SURVEY / RIG REPAIR / OPEN THE HOLE WITH 8.75 BIT / RIG UP AND RUN 13 JTS TUBING / PUMP 113 SKS OF 15.8# 1.16 YIELD CLASS G / RIG DOWN CEMENTERS / LAY DOWN TUBING / WAIT ON CEMENT
24	06/15/2015	215	WAIT ON CEMENT / DRESS OFF CEMENT 165' - 185' / RUN A GYRO SURVEY / DRILLING THE SIDETRACK 185 - 195' / RAN GYRO SURVEY / DRILLING THE SIDETRACK 195' - 215' / RAN GYRO SURVEY
25	06/16/2015	215	GYRO SURVEY / DRILLING THE SIDETRACK 215' - 235' WASH REAM /GYRO SURVEY / B-TOTAL LOG AND RANGING / RIG SERVICE / DRILLING 235' - 250' / GYRO SURVEY / TEST E-STOP ON THE GENS / DRILLING 250' - 265' / TROUGHING / GYRO SURVEY / DRILL 265 - 275'
26	06/17/2015	304	CONTROL DRILL TO 280', TROUGHING, GYRO, CONTROL DRILL TO 290', TROUGHING, TRIP CHANGE OUT MWD AND MUD MOTOR, GYRO, CONTROL DRILL TO 304', TRIPS, PICK UP 8 3/4' BIT, OPEN HOLE UP F/165' TO 300', TROUGHING, UNDERREAMING
27	06/18/2015	417	TRIP, TROUGH, DRILL F/ 304' TO 315', TROUGH, SERVICE RIG, TRIP, GYRO, TRIP DRILL F/ 315' TO 360', TRIP RANGING, DRILL F/ 360' TO 373', TRIP, DRILL F/ 373' TO 383', TRIP, DRILL F/ 383' TO 390', TRIP DRILL F/ 390' TO 417'
28	06/19/2015	2150	DRILL 6 1/8" HOLE FROM 417' TO 500', TRIP, TIH WITH 8 3/4" BIT REAM FROM 299' TO 375' ENTERCEPT WELL, CONTINUE TO WASH & REAM TO 1,338', CIRC, TOO H TO 538' INSTALL MWD, TIH TAKING SURVEYS EA. 20' TO 570' THEN EA 90' ON WARD, WASHING AND REAMING TO 2,150'
29	06/20/2015	5225	WASH & REAM TO 2362', CLOSE ANNULAR CIRC THRU FULL OPEN CHOKES, WASH AND REAM TO 2501', SHUT ANNULAR CIRC THRU FULL OPEN CHOKES, WASH REAM TO 3000', CIRC BTM'DS UP, WASH & REAM TO 4000', CIRC BTM'S UP, WASH AND REAM TO 5018' CIRC BTM'S UP, WASH & REAM TO 5,225'
30	06/21/2015	7020	WASH & REAM F/5,225' TO 6,009', CIRC. BTMS UP, WASH & REAM TO 6,142', SERV RIG, WASH & REAM TO 7,020', CIRC & CLEAN HOLE, TOH TO 2,100', CIRC. HOLE CLEAN SEVERAL TIGHT SPOTS TOO H, TRIP TO 621', L/D DIRECTIONAL TOOLS, TRIP IN OUT OF INERCEPT @ 375 WITH NO ISSUES,
31	06/22/2015	7020	TRIP BACK IN HOLE STAGING IN EACH 1000' TO 5000' THEN TRIP IN HOLE CIRCULATE 2 BOTTOMS UP, TRIP OUT WITH NO PROBLEMS, RIG UP NOBLE TUBING EQUIPMENT, RUN 2 7/8 CEMENT STINGER, RIG DOWN NOBLE TUBING EQUIPMENT TIH WITH CMT STINGER ON 4" DP TO 2,020'
32	06/23/2015	7020	TIH WITH 2 7/8 CMT STINGER, CIRC., RU CEMENTERS, PUMP 1ST CMT PLUG 350 SKS OF 15.8# 1.16 YIELD CLASS G CMT, TOO H 10 STDs & CIRC., PULL TO 4220', PUMP 2ND CMT PLUG 620 SKS OF 15.8# 1.16 YIELD CLASS G CMT, POOH TO 2800' CIRC., WOC AND L/D EXCESS DP FROM DERRICK
33	06/24/2015	7020	WAITING ON 2ND CMT PLUG @ 2800' / TAG PLUG / LAID DOWN PIPE / SET P&A PLUG #3 @ 1020' 410 SKS OF 15.8# 1.16 YIELD CLASS G CMT / L/D PIPE / SET P&A PLUG #4 @ 500' 270 SKS OF 15.8# 1.16 YIELD CLASS G CMT / L/D TBG / PULL WEAR BUSHING / NIPPLE DOWN CLEAN PITS

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34	06/25/2015	7020	FINISH NIPPLE DOWN OPERATIONS / SET NIGHT CAP / CLEANED RIG PIT WHILE RIGGING DOWN /// RIG RELEASED @ 09:00 6/25/2015
35	07/21/2015	7020	DUG UP SURFACE CASING. CUT CASING 5' BELOW GL PER REED BOEGER. TAGGED @ 137'. FILLED CASING STUB WITH 73 BAGS 5000 PSI CEMENT. CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO. BACKFILLED.
36	07/21/2015		TIME : 14:00, ROUTE : N23, WINS: J2952, PROJECT TYPE: RE-ENTER P&A, PROD: JSND, BATT#: N/A, GATHERER: N/A, STATION: N/A, LINE : N/A, COMMENTS: RE-P&A'd OFFLINE.