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DEC 3 1981

COLO. OIL & GAS CONS. COMM.

COMPLETION REPORT

WELL: #1 HASS
LOCATION: T3S - R55W
Section 15: NE SW
FOOTAGE: 1980' FWL; 1980' FSL
Washington County, Colorado
ELEVATIONS: 4820' GL
4828' KB
PROSPECT: Hirst

- 9/24/81 MI Yetter Well Service Unit. / ^{9/23/81} RU, Swb hole dwn to 4500', left 400' ld wtr, ran Correlation log, plg back TD 4986', perf 4948'-55', w/4 shots per ft, 28 holes, swb dwn & rec all ld wtr w/show of gas, waited 15 min & pld swb; had no fld entry, but show of gas. SDON.
- 9/25/81 ^{9/24/81} (11:00 am/Ohlemeier) Had 200' oil overnite w/show of gas, re-perf 4949-51'. Swbg.
- 9/25/81 (9/24/81) No csg press, fld lev 4600', rec 200' oil, csg full of gas, spot 16 bbl of KCL wtr on btm, re-perf w/4 holes per ft, 4949'-51', total 9 holes w/35 gram jet charges. Swb to btm, rec trc oil & gas on swb dwn, continued swb testing for 7 hrs, milking the fm for 10-50' fld/hr w/20-80% oil & 5-10% wtr & emulsion.
- 9/26/81 (9/25/81) est 3 psi on csg, 220' fld, all oil, 10% wtr & emulsion, milk & swb 10 hrs w/ 25' to 10' fld per hr @ end of day, avg 5% emulsion w/trc free wtr, est 6 bbls tot fld to rec.
- 9/27/81 (9/26/81) sli press on csg, fld 160' off btm, all oil w/trc emulsion, test 4 hrs, avg 10-15' tot fld each hr, 2-5% emulsion, dumped 25 bbls 2% KCL wtr w/emulsion chemicals, followed w/30 bbl 2% KCL wtr & filled remaining csg w/wtr. 78 bbl tot ld wtr to rec. SI
- 9/28/81 (9/27/81) SI
- 9/29/81 ^{bbl} (9/28/81) no csg press, fld 400' from surf, est 6.5/treated fld into fm, rec trc oil on first swb run, swb csg to btm, rec all ld wtr, 1st hr tested off btm, no fld rec, swb tested 6 hrs, avg 20' ld wtr/hr, no oil show, est 73 bbl ld wtr recvd, hook up Halliburton, pump 25 bbl 2% KCL wtr w/chemicals dwn csg, followed w/produced wtr, slowly pressured fm in stages to 2500 psi, slow break to 1000 psi, pump @ 1/2 bbl per min rate @ 1400 psi, 1 bbl per min @ 1500 psi, slow break to 1300 psi, ISIP 1200 psi to 1075 psi in 5 min, 103 bbl tot ld wtr to rec. SI.
- 9/30/81 (9/29/81) fld lev 100' from surf, swb to btm, rec 75 bbl ld wtr, continued testing, a 30 min pull rec 50' or 3/4 bbl ld wtr, 1 hr pull rec 30' or 1/2 bbl ld wtr. Swb 20' per hr of ld wtr, est 2 1/2 bbl recovered. SI.

DNR	
EXP	
FORM	
SWB	✓
LD	✓
SL	
SI	

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10/1/81 (9/30/81) 1000' gas, 180' fld of which the top 30' was oil,
remaining 50' was ld wtr.
Swb 10' ld wtr per hr w/ good show oil.

10/2/81 (10/1/81) Will swb till noon & SD to frac.

10/2/81 (10/1/81) Swb 6 hrs, recvd sm amt fl 10-40% oil fracd,
trtd as follows, 200 gals 7½% MCA, 70 barrels 2% KCL wtr,
50 barrels 40 lb gel wtr Padd, 250 barrels 40 lb gel wtr,
w/5,000 lbs 2040 sd, avg inj rate 10 barrels per min, inj
press 1500-1750 psi, SI press 1250, bled to 800 in 15 mins,
SI overnight, 450 barrels of ld wtr to rec.

10/3/81 (10/2/81) This morning fl 2200' from btm, swbg ld wtr.

10/3/81 (10/2/81) Swb tot 136 bbls, last rate approx 8 bbls/hr, 10% oil.

10/4/81 (10/3/81) 1500' fillup overnight, 60' oil on top, swb tot 185 bbls,
10% oil, cleaned out 15' sand.

10/5/81 (10/4/81) 1750' fillup, 60' oil on top, no sand fillup. No casing
press, fl lvl 1700' off btm, rest oil cut wtr, test 6 hrs, 400'
fl or 6 bbls per hr, declining to 250' fl or 4 bbls per hr. At
3:00 p.m. oil % avg 10% rec 55 tot

10/5/81 No press, fl lvl 1600' off btm, 60' oil on top, rest oil wtr,
swb test 5 hrs, 51 bbls recv @ 1:00 p.m., 9.2% oil.

10/6/81 (10/5/81) Swb tot 56 bbls fl, fnl rate approx 4 bbls per/hr, 9% oil.

10/7/81 (10/6/81) Ran sand pump, no sand fillup, fld lev 1550' off btm,
est 60' free oil on top, rest wtr, rec 28 bbl tot fld on swb dwn,
continued swb testing 2 runs per hr off btm,

9:00 am	4 bbl tot fld	
10:00 am	2.5 "	
11:00 am	4 "	
12:00 pm	4 "	
1:00 pm	5 "	avg 9% oil

rec 20 bbl tot fld in 5 hrs, oil varies from 8-11%, est all ld
wtr rec,
RR 2:30 pm.