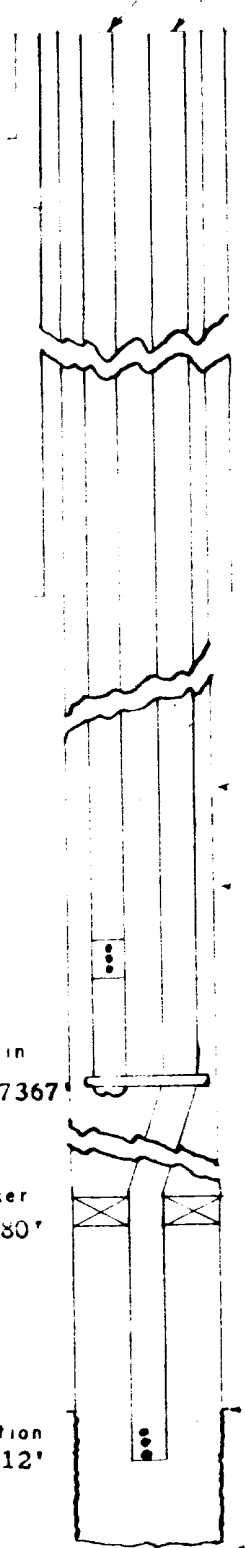


TIDEWATER OIL COMPANY

A. B. COATES "C" NO. 17
PARALLEL STRING, OIL/OIL
DUAL, PRESENTED IN COMPLIANCE
TO NMOCC ORDER NO.

— 2 $\frac{3}{8}$ " Tubing to McKee Section

— 2 $\frac{3}{8}$ " Tubing to Ellenburger Section



13 $\frac{3}{8}$ " Set at 3516'
Cemented to Surface

9 $\frac{5}{8}$ " Set at 3316'
Cemented to Surface

Top of Perforations at 7304'

Bottom of Perforations at 7320'

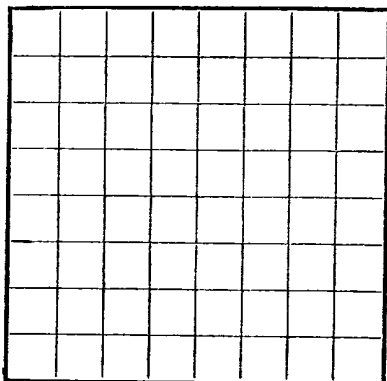
Tubing for McKee Section Set in
Baker Parallel Tubing Anchor at 7367'

Baker Model "D" Production Packer
Set at 7680'

Tubing for Ellenburger Section
Set at 7912'

7" set @ 7909' & cemented back
to 5550'.

T.D. 7950'



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 012650 000

LEASE OR PERMIT TO PROSPECT

A. B. Coates, Jr. Lessee

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FEB 1 1959

ROSWELL, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Tidewater Oil Company Address Box 547 Hobbs, New Mexico
Lessor or Tract A. B. Coates "C" Field Justis Ellenburger State New Mexico
Well No. 17 Sec. 24 T. 25S R. 37E Meridian NPM County Lea
Location 2230 ft. S. of N. Line and 260 ft. W. of E. Line of Section 24 Elevation 3082 D.F.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed H. P. StagnerDate 2/11/59Title Area Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling 9-9-58, 1958 Finished drilling 10-21-58, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7210 to 7320 No. 4, from _____ to _____
No. 2, from 7911 to 7950 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	36	AR	Armco	516	MC-1				Surface
9-5/8	32.3	AR	H-40	3316	Pinat				Intermediate
7"	23	AR	J-55	7900	Pinat	(7210	7222		Nekap
2-3/8	4.7	AR	J-55	7912		(7234	7248		
2"	4.7	Hydril	J-55	7367		(7274	7293		
						(7304	7320		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	516	550 Poamin	Pump		
9-5/8	3316	1100	2-stage		
7"	7900	750 Incor	2-stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 7950 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-28-58, 1958 Put to producing 10-28-58, 1958

The production for the first 24 hours was 1203 barrels of fluid of which 99.8% was oil; .02% emulsion; _____% water; and .02% sediment. Gravity, °Bé. Ellen 44.5 McKee 41.60

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES of Noble Drilling Co.

G. E. Stagner, Driller J. A. Turner, Driller
B. D. McDaniel, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	282	282	Surface sand & red bed.
282	521	239	Red beds
521	821	300	Red beds and anhy.
821	1035	214	Anhy. & salt
1035	1325	290	Anhy.
1325	1749	424	Anhy. & salt
1749	1915	166	Anhy.
1915	2252	337	Anhy. & salt
2252	2719	467	Anhy.
2719	2820	101	Anhy. & gyp.
2820	3164	344	Anhy.
3164	3288	124	Lime
3288	3358	70	Lime & anhy.
3358	4416	1058	Lime
4416	4653	237	Lime & chert
4653	6856	2203	Lime
6856	6884	28	Lime & shale
6884	7132	248	Lime
7132	7193	61	Sand & shale
7193	7300	107	Lime, sand & shale
7300	7344	44	Lime & shale
7344	7390	46	Sand & shale
7390	7425	35	Lime & shale
7425	7460	35	Shale
7460	7505	45	Shale & sand
7505	7595	90	Shale & lime

(OVER)

16-43094-4

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
7595	7642	47	Sand & shale
7642	7741	99	Lime & shale
7741	7757	16	Shale & dolomite
7757	7857	100	Lime & dolo.
7857	7900	43	"dolo. & chert
7900	7950	50	Lime & dolo.

DEVIATIONS			
DEPTH	DEG. OFF.	DEPTH	DEG. OFF.
195	1-1/2	3230	1-1/4
375	2-3/4	3340	1-1/4
425	2-1/2	3569	1
455	2-1/2	4173	1-3/4
485	2-1/4	4415	1-1/2
525	2	4500	1-3/4
620	1-3/4	4713	1-7/8
730	1-3/4	5000	1-1/2
810	1-1/4	5150	1-3/4
940	1-1/2	5351	2-1/4
1034	2-1/2	5525	2
1094	2-1/4	5650	1-1/2
1152	2-1/2	5765	1-3/4
1181	2-1/4	5915	1-1/2
1205	2	6148	1-1/2
1271	1-3/4	6230	1-3/4
1315	2-1/4	6370	1-1/2
1885	1-3/4	6502	1-3/4
1410	2	6640	1-3/4
1470	2	6765	2
1539	1-1/4	6850	2
1629	1-1/4	6960	2
1689	1	7130	1-1/4
1749	1-1/4	7288	0
1807	3/4	7385	1-1/4
1866	1-1/4	7460	1-1/4
1926	1-1/4	7560	3/4
1960	1-3/4		
2000	1-1/2		
2074	1-1/4		
2161	1-3/4		
2220	1		
2280	1/-1/4		
2325	3/4		
2484	3/4		
2690	1		
2855	1-1/4		
3015	1-1/4		
3076	1-1/4		

GEOLOGICAL TOPS-BY SCHLUMBERGER			
FORMATION	TOPS	FORMATION	TOPS
Glorieta	4675	1st Ellenburger	7627
Justis	4755	2nd Ellenburger	7764
Klinebey	5045		
Lubbock	5670		
Drinkard	5952		
Simpson	6840		
McCord	7144		
Connelley	7444		

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

SEE ATTACHED SHEETS

100

HISTORY OF A. B. COMBES "NO" 507

RECEIVED
FEB 12 1959
HGP
TO TD OF 521
HGP
ROSTER
3:35

- 9-9-58 Noble Drilling Co. spudded @ 1:00 PM (CST) & drilled 17-1/4" hole to TD of 521'.
- 9-10-58 Ran, set & cemented 13-3/8" csg. w/ 516' w/ 550 sks. 50-50 Posmix w/ 1/4# flocele per sk. Plug down @ 1:15 AM 9-11-58. Circ. out 150 sks.
- 9-12-58 Tested 13-3/8" csg. w/ 500#, held okay. Resumed drilling operations w/ 12 1/2" bit.
- 9-20-58 Drilled 12-1/4" hole to T.D. of 3317'. Ran, set & cemented 9-5/8" csg. @ 3316' w/ D.V. tool @ 834'. 1st stage cemented thru shoe w/ 500 sks. 50-50 Posmix, 2% gel, w/ 1/4# flocele/sk. Plus 200 sks. Reg. cement w/ 1/4# flocele/sk. on bottom. Plug down on 1st stage @ 3:15 PM. Circ. 4 hrs. thru D.V. tool. between stages. 2nd stage: Cemented thru D.V. tool w/ 400 sks. 50-50 Posmix, 3% gel w/ 1/4# flocele/sk. Plug down on 2nd stage @ 8:00 PM. Cement circulated.
- 9-21-58 Tested 9-5/8" csg. w/ 1000# before & after drilling thru D.V. tool, held okay.
- 10-1-58 Ran DST #1 @ 5940-6000'.
- 10-7-58 Ran DST #2 @ 6730-6894' (Montoya).
- 10-10-58 Ran DST #3 @ 7100-7390'.
- 10-12-58 Ran DST #4 @ 7410-7505'. Packer did not seat. Ran DST #5 @ 7475-7505'.
- 10-14-58 Core #1 @ 7690-7729'.
- 10-15-58 Reamed 6-1/8" core hole to 8-3/4".
- 10-16-58 Core #2 @ 7739-7757'.
- 10-17-58 Core #3 @ 7758-7768'. Core #4 @ 7768-7778'. Reamed 6-1/8" hole to 8-3/4" & drilled 8-3/4" hole to 7828'.
- 10-18-58 Ran DST #6 @ 7690-7728'.
- 10-19-58 Ran Schlumberger logs.
- 10-22-58 Drilled 8-3/4" hole to T.D. of 7950', ran Schlumberger logs. Ran & set 7" csg. @ 7909 w/ D.V. tool @ 7558'. 1st stage: cemented w/ 150 sks. Incor w/ 1/4# flocele/sk. Plug down @ 1:15 AM. Circ. thru DV tool 15 mins. & lost return. Shut down 5 hrs. 2nd stage: cemented w/ 600 sks. Incor w/ 1/4# flocele/sk. Plug down @ 7:15 AM 10-23-58, no circulation. Pressure built up from 600-900# on second stage indicating cement coming up.
- 10-23-58 Ran temp. survey. Top of cement behind 7" csg. @ 1550', plug @ 7464'.
- 10-24-58 Tested 7" csg. to 1200# before & after drilling DV tool, held okay. Started out of hole & stuck bit @ 7832'. Pulled bit loose & came out of hole.
- 10-25-58 Perf. open hole from 7911-7950 (Ellenburger) w/ four McCullough 35 gram charges per ft. Ran tubing & packer. Set tubing @ 7944', packer @ 7662'.
- 10-26-58 After swabbing, well kicked off. Official Ellenburger potential: 175.5 BO in 3-1/2 hrs. on 1/2" choke, T.P. 800#, 0.3% drilling water, GOR 883:1.

- 10-22-58 Killed well, pulled packer. Ran Lane Wells cement log & R/A tie-in log. Perf. McKee 7210-22', 7234-48', 7274-93' & 7304-20' w/ 4 shots/ft. Set Baker Model "D" packer @ 7700'. Ran long tubing string & hydrotested to 4000#. Set tubing @ 7932' (perfs. 7932-7915').
- 10-28-58 Ran Hydril CS second string tubing for McKee section & anchored @ 7384' w/ perfs. @ 7332-36'. Displaced mud w/ oil. Acidized overall perfs. 7210-7320' w/ 500 gal. MEC acid. Formation broke @ 2900# back to 2400# & treated @ 2500#, w/ 2.4 BPM injection rate. ISIP 2100#, 5 min. SIF 1600#. Shut in McKee section for 2 hrs. Swabbed Ellenburger in @ 10:00 PM.
- 10-29-58 Started swabbing McKee section. Well cleaned up & began to flow. Released rig @ 4:00 PM 10-29-58.
- 10-31-58 McKee section swabbed & flowed 636 BO, which was 401 bbl. over amount of load oil used, before it went to gas. T.P. 400#, C.P. 1350# @ 5:00 PM 10-31-58.
- 11-1-58 Choke plugged during night @ 6:00 AM, T.P. 1750#, C.P. 2200#. Tested McKee section for 4 hrs. Made 2 BO @ 730 MCF/D on 10/64" choke.
- 11-4-58 SIFP 2200#, SICP 2200#. Opened to pit on 20/64" choke. (McKee Sand) Flowed to pit for approximately 3 hrs. & 25 mins. Made some mud & slight spray of oil. Ran temp. survey w/ well flowing at the rate of approximately 2,668 MCF/D on 20/64" choke, tubing press. drawn down to 1110# & casing press. 1300#. Well began to head so turned to tanks. Flowed 12.4 BO in 2 hrs. on 20/64" ck. T.P. 1025#, average gas volume 1230 MCF or GOR 12,300/l. Put well on 15/64" ck. and flowed 2.76 BO in 1 hr. T.P. 1125#, gas volume 1035 MCF or GOR 15,600/l. Second hour flowed 4.85 BO, gas volume 1180 MCF, or GOR 10,000/l. Checked pressure between 9-5/8" and 7" & found to be 850#. Bled pressure down thru 1" needle valve as follows: 1 hr. 750#, 2 hrs. 450#, 3 hrs. 125#, 4 hrs. 65#. Shut in Bradenhead.
- 11-5-58 Well flowed 57.96 BO in 16 hrs. through 15/64" ck., T.P. 1200#, C.P. 1350#. Gas volume 1,160,000 cu. ft./day. GOR 13,350/l.
- 11-6-58 (McKee) 1st 24 hrs. test on 15/64" choke, well flowed 84.18 BO, T.P. 1150 psi. Casing pressure 1325 psi, gas volume 1,160,000, GOR 13,780/l. Pressure between 9-5/8" and 7" bled to 9 psi and was shut in.
- 11-7-58 McKee - flowed 68.92 BO in 23 hrs., rate of 71.92 BO/D, gas volume 1,117,800. GOR 15,542:l. T.P. 1025, C.P. 1125#.
- 11-10-58 McKee - flowed 62.72 BO in 24 hrs., on 15/64" ck. T.P. 950, C.P. 1120#, gas volume 949,500, GOR 15,139.
- 11-12-58 McKee - flowed 54 BO in 24 hrs. on 15/64" ck., T.P. 975, C.P. 1150#, gas volume 924,000 cu. ft., GOR 17,117/l.
- 11-14-58 McKee - flowed 58 BO in 24 hrs. on 15/64" ck., T.P. 875, C.P. 1050#, gas volume 873,450 cu. ft., GOR 15,060/l.
- 11-16-58 Closed in McKee section and moved in workover rig.
- 11-17-58 Pumped No-bloc down Ellenburger tubing.
- 11-18-58 Killed McKee section and circulated well. Pulled both strings 2" tubing and recovered tail pipe with long string.

- 11-19-58 Ran Baker latching type P^A packer plug on 2" tubing and set in Baker packer @ 7700'. Set 2" tubing at 7163' and ran tracer log & survey. Found perforations @ 7210-22 and 7234-48' and possibly a channel to 1274 - taking fluid. Dumped 350# frac sand on top of plug @ 7700'. Pumped 35-1/2 barrels fluid in formation @ 600#.
- 11-20-58 Ran HOWCO DST tool & set @ 7261', which is between the two upper & two lower perforations. Opened tool & lost mud in casing, so there could be communication. Recovered 5050' drilling mud. Perforated 7" casing @ 7360' w/ Welox 4 way jet. Squeezed 2-1/2 sks. Trinity Inferno cement w/ Welox squeeze cementer. Job complete @ 12:15 AM 11-21-58. Tagged for cement in 4 hrs., no cement. Squeezed again w/ 2-1/2 sk. Trinity Inferno. Job complete @ 7:15 A.M.
- 11-21-58 Found no cement in casing after second squeeze w/ Welox squeeze gun. Squeezed again w/ 2-1/2 sks. @ 2:45 PM & @ 3:45 PM on 11-21-58 & @ 2:30 AM on 11-22-58. Last two jobs used 1/2 as much powder charge.
- 11-22-58 Ran 2" tubing w/ HOWCO RTTS tool & set @ 7342'. Broke circulating & well circulated @ 600 psi. Mixed 25 sks. Reg. cement & displaced to clear tool. Picked tool up to 7086' & reversed out 5 sks. cement. W.O.C. 3 hrs., tagged cement @ 7283'. W.O.C.
- 11-24-58 Found cement stringers from 7285 to 7333', hard cement 7333-7340', stringers from 7360' to 7370'. Went down to 7499' & conditioned hole for DST. Pulled bit & sent in w/ test tool. Set packer @ 7341', open @ 7:40 AM 11-25-58.
- 11-25-58 Slight blow for 5 mins. Opened tool & fluid in annulus dropped 5'. Next 1 hr. and 5 mins. was dead. Started blowing in 1 hr. & 10 mins. Air blows were 1/4" under water. Fluid standing in annulus. Pulled packer & set above McKee perforations. Packer set @ 7162', tool open at 11:00 AM, immediate blow. GTS in 19 mins., mud in 21 mins. solid gas in 23 mins. Turned to pit on 1/2" choke, T.P. 520-580 psig. Using Johnson charts, 500 psi behind 1/2" choke will give volume of 3200 MCFPD. Making a slight amount of oil and heavy gas cut mud.
- | | | |
|----------------|---------|------------------------------|
| 1st 30 minutes | 4.81 BO | 18/64" choke, T.P. 220-400#. |
| 2nd " " | 3.44 BO | " " " 200-380#. |
| 3rd " " | 4.12 BO | " " " 200-380#. |
- McKee flowed 110 BO in 16 hrs. through 18/64" choke, T.P. 150-300#, (165 BOPD), gas volume 1,350 MCF/Day. GOR 8170:1. Grind out clean. Bradenhead pressure between 9-5/8" and 7" - 100#. Packer @ 7182'.
- 11-26-58 Packer @ 7345', test perf. 7360'. IFP & FFP 334#, HI 3470#. To test all perforations IFP 1330#, FFP 300#. Set packer @ 7228' and got communication. Set RTTS tool @ 7332'. Pumped in perforations 7360' @ 2100#. 2 BPM @ 2700#, got communication. Mixed 25 sks. Trinity Inferno & pumped cement through perforations @ 7360', maximum pressure 2800#. Pulled tool to 7078'. Reversed out @ 700#, recovered 5 sks. cement. Circulated 20 mins. waited 10 hrs. and tagged cement @ 7271'. W.O.C.
- 11-28-58 Drilled cement stringers from 7274' to 7319'. Hard cement from 7319 to 7334' and cement stringers from 7334 to 7368'. Conditioned mud & pulled tubing and bit. Went in hole w/ HOWCO test tool. Set sums at 7182'. Tool opened at 7:00 PM 11-28-58. MTS in 15 mins. GTS in 17 mins. Flowed 2 hrs. to pit on 1" choke. Switched to 1/2" choke. Oil to surface in 2 hrs. & 15 mins.

- 11-29-58 Pulled DST tool & ran HOWCO RTTS tool. Set tool @ 7112'. Pumped in at 2800#, back to 1200#, 3 BPM. Mixed 300 sks. Trinity Inferno cement & pumped in perforations 7210-7320, 1st 100 sks. @ 3300#. SI 10 hrs. Pumped water in at 2-1/2 BPM @ 3000#. Mixed 150 sks. Trinity Inferno & pumped 50 sks. in formation & pressure built to 5300#. Reversed out 80 sks., leaving cement in casing from 7112 to 7210'. W.O.C.
- 12-1-58 Drilled cement 7293'. After reaching perforations 7210', cement very hard. Drilling at rate of 7' per hour. Started drilling cement @ 7105'.
- 12-2-58 Drilled hard cement to 7340', had cement stringers down to 7380', went down to 7632' and drilled plugs, on top of sand, out to 7694'. Should still have 4' of sand above Baker packer. Set packer @ 7180'. Opened at 7:10 PM GTS in 8 mins. TSTM at end of 2 hrs. Shut in tubing pressure went to 40# in 5 mins. Tool open 3 hrs. Re-set tool @ 7299'. No change & no communication. Pulled up above perforations to get shut-in, and packer would not hold. Reversed out 3500' oil & 2500' gas & 1200' mud. Tool opened a total of 5-1/2 hrs. Pressure w/ packer @ 7180', IFP 300#, RFP 1670#. Pressure w/ packer @ 7299', IFP 1670#, RFP 1670#. Looks like oil coming from above bottom section.
- 12-3-58 Perforated 7304-20' w/ 4 shots/ft. Went in & set RTTS tool @ 7297', swabbed down & got communication. Picked up 2' & got communication. Picked RTTS tool to 7267'. Swabbed at 5000', getting gas and some oil.
- 12-4-58 Swabbed well down & started swabbing test:
 1st hr. 5.5 BP, 5% cement, 7% water & 9% mud.
 2nd hr. 2.75 BP, 3% water & 2% mud.
 3rd hr. 4.12 BP, 2/10% water & 1/10% mud.
 4th hr. 5.50 BP, 4/10% water & 5/10% mud.
 5th hr. 4.20 BP, 6/10% water and 4/10% mud.
- Pumped 200 BG in formation at pressures ranging from 2700 to 4000#, at average injection rate of 4 BPM. 10 MSE 1200#, 30 MSI 900#, had 1000# above packer. No communications. Opened well at 1:00 PM 12-5-58.
- 12-5-58 Weak flow until tubing emptied. Flow started increasing. Last 3 hrs. well averaged 17.23 BPH for daily rate of 414 BOPD. Have recovered 103 BLD - 97 to go. Gas vol. 141 MCF/D, GOR 333:1, 1% mud, T.P. 25-50# on 3/4" choke.
- 12-6-58 Mixed 40 sks. No-bloc & killed McKee. Pulled RTTS tool & pulled plug out of Baker packer.
- 12-7-58 Ran long string of tubing, latched into Baker packer & hung tubing. Ran short string of tubing & latched into anchor. Pulled up on short string & lost some weight. Unscrewed short string & could not latch back in long string. Pulled short string & long string of tubing. Threads pulled out of Baker packer.
- 12-8-58 Set new Baker packer @ 7360'. Ran tubing & released rig @ 4:00 AM. Long string set @ 7912, short @ 7367'.
- 12-9-58 Displaced mud in casing & tubing for McKee section w/ oil. Swabbed mud from Allenburger tubing & well kicked off. Cleaned to pit 10 mins. & switched to tanks @ 4:00 PM. Swabbed McKee section 1 hr.. Fluid level @ 640'. SI 14 hrs., T.P. 0, C.P. 0#.

- 12-10-58 McKee - swabbed 107.98 BO in 40 hrs., P.O.L. 2100#. C.P. vacuum.
Ellentburger - flowed 9.3 BOPM on 12/64" ck. on 4-1/2 hr. test. T.P. 1000#.
Daily rate 229 bbls. Flowed 79 BO in 13 hrs., 8/64" ck., T.P. 1070#.
- 12-15-58 McKee - T.P. 275#, C.P. 900#, 12/64" ck., gauge last 3 hrs. 3.43 BO, 5.51 BO,
4.12 BO, 4.12 BO, 4.12 BO (101 BOPD).

DRILL STEM TEST DATA

- DST #1 Drinkard - TD 6000', Packer @ 5940', 1" top & 3/8" btm. chokes. Tool open
3 hrs. Opened w/ fair blow increasing to strong blow in 9 mins. GTS in
20 mins. decreasing slightly throughout test. No fluid to surface.
Reversed out 500' OSGCDM. Recovered 30' free oil below circ. sub. No water.
HI 3025#, 30 min. ISIP 2645#, IFP 1280#, FFP 320#, 30 min. PSIP 1120#,
HO 3025#, HNT 1200 F., gravity 37° API core.
- DST #2 Montoya - TD 6884', packer @ 6730', 1" top & 1/8" bottom chokes. Tool open
1 hr. Opened w/ weak blow, decreased & died after 35 mins. No GTS.
Recovered total of 140' drilling mud. No show. HI 3590#, ISIP 3228#
(believe false reading due to packer slipping) IFP 235#, FFP 235#, PSIP 460#,
HI 3590#.
- DST #3 McKee - TD 7390', packer @ 7100', 1" top & 3/8" btm. chokes. Tool open
4 hrs. Opened w/ strong blow. GTS in 3 mins. GTS in 54 mins. Flowed 82 BO
to tank in 33 hrs. Reversed out 4000' of free oil. Recovered 50' of oil &
1' of drilling mud below circ. sub. HI 3824#, PSIP 3035#, IFP 1125#,
FFP 308#. GCR 814:1, gravity 42° API, shake out 0.2% mud.
- DST #4 Connell - TD 7505', packer @ 7420'. No test, packer failed to hold.
- DST #5 Connell - TD 7505', packer @ 7425', 1" top & 3/8" btm. chokes. Tool open
3-1/2 hrs. Opened w/ weak blow, died in 20 mins. Picked up & reset. Began
weak blow again in 20 mins. Increased to fair blow after 2 hrs. 20 mins.,
then decreased to weak at end of test. Recovered 90' of very slightly GCDM
and 450' gas above SI tool. Recovered 30' slightly OSGCDM below circ. sub.
HI&O 4060#, ISIP 455#, IFP 160#, FFP 242#, PSIP 455#.