

NEW MEXICO OIL CONSERVATION COMMISSION
DRAWER DD
ARTESIA, NEW MEXICO

FIELD REPORT FOR CEMENTING OF WELLS

Operator <u>Texas Oil & Gas Corp.</u>		Lease <u>Catchlaw Draw St. Com.</u>		Well # <u>1</u>	
Location of Well	Unit ^M <u>6605+6606</u>	Section <u>18</u>	Township <u>21</u>	Range <u>26</u>	County <u>Eddy</u>
Drilling Contractor <u>Real Drilling Co.</u>			Type of Equipment <u>Rotary to start 6-12-79</u>		

* Witness

APPROVED CASING PROGRAM

Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<u>1 7/8"</u>	<u>11 3/4"</u>	<u>42</u>		<u>500</u>	<u>350 circ.</u>
<u>11"</u>	<u>8 5/8"</u>	<u>24</u>		<u>2500</u>	<u>700 circ.</u>
<u>7 7/8"</u>	<u>4 1/2"</u>	<u>11.6+13.5</u>		<u>10950</u>	

Casing Data:

Surface 64 joints of 8 5/8 inch 24 # Grade K-55

(Approved) (Rejected)

Inspected by M.S. date 6/18/79

Cementing Program

Size of hole 11" Size of Casing 8 5/8" Sacks cement required

Type of Shoe used guide Float collar used float Btm 3 jts welded yes

TD of hole 2552' Set 2552' Feet of 8 5/8 Inch 24 # Grade K-55

New-used csg. @ 2552' with 200 290cc sacks neat cement around shoe

+ 200 sax thin set additives 290cc 10# gilsonite

Plug down @ 11:30 (AM) (PM) Date 6/19/79

Cement circulated No No. of Sacks 0

Cemented by Halliburton Witnessed by Mike S. Littlefield

Temp. Survey ran @ 7:00 (AM) (PM) Date 6/20/79 top cement @ 1500'

Casing test @ (AM) (PM) Date

Method Used Witnessed by

Checked for shut off @ (AM) (PM) Date

Method used Witnessed by

Remarks: + 700 sx Hall Dils (5# gilsonite - 1/4# floreal - 290cc)

next circ @ 1570'

centralizers @ 2512'-2472'-2432'-2392' least dily break @ 1470'

1. Ran 3/4" tubing tagged toc @ 1454' pumped 300 sx class C left 3/4" in hole
2. Ran 3/4" tubing tagged toc @ 1102' pumped 100 sx class C left 3/4" in hole.
3. Ran 3/4" tubing tagged toc @ 753' pumped 100 sx pulled 3/4" to 498' pumped 110 sx cnt. cnt circ.

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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

JUN 5 1979

O. C. C.
ARTESIA. OFFICE

30-015-22938

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
5. State Oil & Gas Lease No. V-171	
7. Unit Agreement Name	
8. Farm or Lease Name Catclaw Draw St. Com.	
9. Well No. 1	
10. Field and Pool, or Wildcat Catclaw Draw-Morrow Gas	
12. County Eddy	
19. Proposed Depth 10,950'	19A. Formation Morrow
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3311' GR.	21A. Kind & Status Plug. Bond Blanket Renewed & Updated
21B. Drilling Contractor Not yet determined	22. Approx. Date Work will start 6/15/79

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
2. Name of Operator Texas Oil & Gas Corp. ✓		7. Unit Agreement Name	
3. Address of Operator 900 Wilco Building, Midland, Texas 79701		8. Farm or Lease Name	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE S LINE AND 660 FEET FROM THE W LINE OF SEC. 18 TWP. 21S RGE. 26E NMPM		9. Well No.	
19. Proposed Depth 10,950'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3311' GR.	
21A. Kind & Status Plug. Bond Blanket Renewed & Updated		21B. Drilling Contractor Not yet determined	
22. Approx. Date Work will start 6/15/79		23.	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4"	11-3/4"	42#	500'	350	Surface
11"	8-5/8"	24#	2500'	700	Surface
7-7/8"	4-1/2"	11.6&13.5#	10950'	As determined by caliper	cover pay zones

- 1) Drill 14-3/4" hole to 500' w/FW spud mud and set 11-3/4" 42#, H-40, ST&C csg. Cmt to surface.
- 2) Drill out w/11" bit using FW. Drill to approximately 2500' and set 8-5/8" 24#, K-55, ST&C casing. Cmt. to surface.
- 3) Drill out w/7-7/8" bit and brackish water. Drill to Wolfcamp at approximately 8500'. Bring weight up to 9.8# using brine water.
- 4) Drill to Strawn at approximately 9800'. Mud up w/salt gel and drispac for 9.8-10.4 ppg, 35-45 Vis., 5 cc WL. Drill to TD of 10950'.
- 5) Run OH logs.
- 6) DST as required.
- 7) Rn 4-1/2" 11.6 & 13.5#, N-80, LT&C csg & complete through perforations.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 9-12-79

NOTE: Gas is not dedicated. This unorthodox location was approved at a hearing on December 7, 1978, Case #6398, Order #R-5893.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed S. P. Baker Title District Drilling Engineer Date June 1, 1979

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JUN 12 1979

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 11 3/4" 8 7/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 7/8" casing