

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

RECEIVED

OCT 24 1980

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR U. S. GEOLOGICAL SURVEY
Coquina Oil Corporation HOBBS, NEW MEXICO

3. ADDRESS OF OPERATOR
P. O. Drawer 2960, Midland, Texas 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 660' FNL & 660' FWL of Sec. 24

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Correct Sundry Notice filed 10/15/80

5. LEASE

NM-25878

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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7. UNIT AGREEMENT NAME

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8. FARM OR LEASE NAME

Boyd "A"

9. WELL NO.

1

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 24, T-20-S, R-32-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3537.4 GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The attached sheet corrects the Proposed Casing Program under 7-5/8" casing and 5" casing as shown. Also, correction is made under the Proposed Mud Program as indicated.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED G. J. Crain TITLE Drilling Manager DATE 10/22/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1976 O - 214-149

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OCT 28 1980

OIL CONSERVATION DIV.

DRILLING PRODCEDURE

COQUINA OIL CORPORATION
BOYD "A" NO. 1
660' FNL & 660' FWL, Sec. 24, T20S, R-32E
Lea County, New Mexico

1. SURFACE FORMATION: Sandy soils of Quaternary Age

2. ESTIMATED GEOLOGIC TOPS:

Base Salt	2800'	Strawn	11500'
Top Delaware	3200'	Atoka	12100'
Bone Spring	8000'	Morrow	12900'
Wolfcamp	10000'		

3. POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

Water:	Above 300'
Oil:	Bone Spring
Gas:	Wolfcamp, Atoka, Morrow

4. PROPOSED CASING PROGRAM:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>Condition</u>
20"	0 - 350'	94#	H-40	STC	New
13 3/8"	0 - 500'	61#	J-55	STC	New
	500 - 1500'	48#	H-40	STC	New
	1500 - 2300'	54.5#	K-55	STC	New
	2300 - 2700'	61#	K-55	STC	New
9 5/8"	0 - 300'	53.5#	S-95	LTC	New
	300 - 10500'	47#	S-95	LTC	New
7 5/8"	10500 - 12700'	33.7#	S-95	SFJP	New
5"	12700 - 13500'	18#	N-80	FL4S	New

5. PRESSURE CONTROL EQUIPMENT: Blowout preventer stack will consist of an annular-type preventer and a dual ram-type preventer with 5000 psi working pressure. A sketch of BOP is attached.

6. PROPOSED MUD PROGRAM:

- 0 - 350' Spud mud w/paper added to control seepage. Add LCM as necessary if loss of circulation becomes a problem. If severe loss occurs dry drill to casing point.
- 350 - 3000' Drill out below surface casing w/brine water. Add LCM to control seepage. Dry drill if severe loss occurs.
- 3000 - 10500' Drill below intermediate string w/fresh water, circulate the reserve pit. Mix paper for seepage control. At 10,000' displace hole w/saturated brine.
- 10500 - 12700' Drill out with brine, weight up to 11.5 ppg at 11,500' to drill Strawn and Atoka. Increase weight as required.
- 12700 - 13500' Drill out with existing mud system if a liner is set through the Atoka. Reduce weight to 11.0 ppg. If Atoka is not present or doesn't require a liner, reduce mud wt to 11.0 ppg to drill the Morrow.

7. AUXILIARY EQUIPMENT:

- A. Kelly cock in kelly.
- B. Full opening safety valve on rig floor in open position at all times.
- C. Rotating drilling head, after setting 9-5/8" casing.

8. TESTING, LOGGING AND CORING PROGRAMS:

- A. Possible DST's in Strawn, Atoka, and Morrow.
- B. No coring is anticipated.
- C. CNL-FDC w/GR and caliper; DIL w/Rxo, GR and Caliper, 3000' to TD.

9. ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE GAS: Pressures requiring up to 12.5 ppg mud may be encountered in the Atoka (12100'-12600'). Sufficient material will be kept on location to increase mud weight to handle any anticipated pressures. Morrow may require 11.0 ppg mud to control.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

- A. Road and pad construction: October 30, 1980
- B. Spud well: December 1, 1980
- C. Duration of drilling and completion operations should be about 120-150 days.