(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See instructions on reverse side)

Form approved. Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM 0400512 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: COQUINA FEDERAL

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Avalon - Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 31, T-20S, R-27E

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: MONSANTO COMPANY

3. ADDRESS OF OPERATOR: Production Dept., 321 West Texas, Midland, Texas 79701

RECEIVED
JUN 19 1975
O. C. C.
ARTESIA, OFFICE

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1980' FSL & 1980' FEL Section 31
At top prod. interval reported below
At total depth

14. PERMIT NO. — DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
3/25/75	5/8/75	5/30/75	DF 3242; Gr. 3228	3228

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
10,780	10,740		→	0 - 10,780	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 10,700 - 10,704 & 10,676 - 10,682 Morrow

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction, CNL-Density, Microlog

27. WAS WELL CORED: No

CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48	500'	17½"	600 Sx. (75 Sx. Circ)	None
9 5/8"	36	2080'	12¼"	950 Sx. (Circulated)	"
5½"	17	10,780'	8½"	1000 Sx. (Circulated)	"

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	10,427	10,427

31. PERFORATION RECORD (*Interval, size and number*)
10,700 - 10,704 (9 holes)
10,676 - 10,682 (13 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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ARTESIA, NEW MEXICO

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
5/30/75	Flowing	Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/30/75	4	10-16/64		-0-	113	-0-	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GRAVITY-API (CORR.)
2050	Sealed		-0-	678	-0-	----

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented

TEST WITNESSED BY: R. D. Overstreet

35. LIST OF ATTACHMENTS: Summary of DST's Logs previsouly mailed.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED W M Dehall TITLE Regional Production Mgr. DATE 6/16/75

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	0	2010	Sandstone, shale, evaporites & Dolomite
Delaware	2010	3540	Sandstone & shale
Bone Springs	3540	7910	Limestone, sandstone & shale
Wolfcamp	7910	8475	Shale & limestone
Pennsylvanian	8475	9120	Limestone & shale
Strawn	9120	9784	Limestone & shale
Atoka	9784	10,185	Shale & sandstone & limestone
Morrow Lime	10,185	10,326	Limestone & shale
Morrow Sand	10,326	10,780	Sandstone, shale & limestone
		TD	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	2010	
Bone Springs	3540	
3rd Bone Springs Sand	7557	
Wolfcamp	~~9710~~	
Pennsylvanian	8475	
Penn Carbonate	8743	
Strawn	9120	
Atoka	9784	
Morrow Lime	10,185	
Morrow Sand	10,326	
T.D.	10,780	

*GPO 782-929

SUMMARY OF DRILL STEM TESTS

COQUINA FEDERAL WELL #1

DST #1; 9407-9443; TO 30 Mins; Good strong blow; GTS 20 Mins; 10 psi on ½" choke; 56 MCFPD; SI 60 Mins; TO 60 Mins; 20 psi, ½" choke; 115 MCFPD; SI 120 Mins; Rec. 65' Gas & Dist cut DF.

	Top	Btm
IH	4448	4452
IF (30 Mins)	65 to 86 psi	64 to 86
ISIP (60 Mins)	4027 Bldg.	4052 Bldg.
FF (60 Mins)	86 to 86 psi	86 to 107
FSIP (120 Mins)	4006 Bldg.	4052 Bldg.

Sampler: 3.3 c.f. gas @ 100 psi; 300 cc Dist & GCDF.

DST #2; 10,440-10,495; TO 30 Mins; very weak blow; no gas;
1 Hr. ISIP; 1 Hr. FF very weak blow; no gas;
2 Hr. FSI;
Sampler: 700 cc Wtr; no psi;
IH 4971; FH 4848;
30 Min. IF 116 - 162;
60 Min. ISIP 4064, Bldg.
60 Min. FF 232 - 324;
120 Min. FSIP 4203; Bldg.
Rec. 200' wtr; 400' WCDM; 166° Temp.