

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0424861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal Gas "Com"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Springs Upper Penn Gas

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

Sec. 3-21S-25E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

14. PERMIT NO.

Current

DATE ISSUED

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

Marathon Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 220, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1849' FWL & 1919.2' FNL

At top prod. interval reported below

At total depth Same

15. DATE SPUDDED

8-30-68

16. DATE T.D. REACHED

10-1-68

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKE, RT, GR, ETC.)*

GL 3313.7'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8350'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

All

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Comp. Induct.-Elec. Log & Dual Induct. Laterolog;
Comp. Form. Density Log; Sidewall Neutron Porosity Log; Borehole Comp.

27. WAS WELL CORED

No

28. 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#	205'	17-1/2"	Circ. to surface	
8-5/8"	32#	2700'	11"	Circ. to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

2. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
OCT 20 1968	RECEIVED OCT 20 1968

33.* PRODUCTION RECORD (Flowing, gas lift, pumping—size and type of pump)

						WELL STATUS (Producing or shut-in)	
						P+ A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY

M. L. Johnston

35. LIST OF ATTACHMENTS

Two each of the logs listed in No. 26 above.

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

SIGNED

C. A. Hill

TITLE

Area Supt.

DATE

10-22-68

*(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.	38.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Cisco Canyon (Upper Penn, Dolomite)	2700	3729	No significant shows. (Base of 8-5/8" csg. 2700)					
"	3729	-	Bone Springs Sand Salt water flow @ 3729' caused change over from air to wtr. drlg.					
"	8090	8150	DST #1 - Recovered 5' drlg mud. IFP 23# (5 min.); ISIP 46# (30 min.); FFP 23# (1 hr.) FSIP 46# (2 hr.); BHT 147° F.		NUCLEAR & ELEC. LOG TOPS			
"	8150	8220	DST #2 - Gas to surf. in 7 min. Recov. 110' sli gas cut mud. IFP 94# (5 min.); ISIP 795# (30 min.); FFP 81# (1 hr.); FSIP 1279# (1 1/2 hr.); BHT 148° F.		Bone Springs Sd	1963 (+1372)		same
"	8220	8320	DST #3 - Gas to surf. in 3 min. Closed tool f/30 min. Opened tool had mud & wtr. to surf. in 7 min. Flowed gas @ 1745 MCFD rate & wtr @ 1224 BPD. FTP 466# on 3/4" Ck. Recov. 4800' formation wtr. Chlorides 3000 PPM. IFP 2305# (5 min.); FFP 3157# (2 hr.) LSIP 3358# (30 min.); FSIP 3358# (4 hr.)		Basal Leonard Sd	7120 (-3785)		"
"	8214	8252	DST #4 - GTS 3 min. S.I. f/30 min. Open again wtr to surf. 30 min. Well flowed 300 MCFD diminishing to 125 MCFD & wtr from 888 BPD to 696 BPD. Recov. 6000' wtr.; IFP 813# (5 min.); FFP 2645# (3 hr. 34 min.) ISIP 3336# (30 min.); FSIP 3314# (1 hr.) FTP 100 psi.		Wolfcamp Sh. Cisco Canyon Dolo.	7536 (-4201) 8179 (-4844)		"