

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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		Jake L. Hamon							
3. ADDRESS OF OPERATOR		908 Vaughn Building, Midland, Texas 79701							
4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal Office)		At surface 1650' FNL & 2310' FWL of Section 23, At top prod. interval reported below At total depth							
14. PERMIT NO.		DATE ISSUED 9-12-72							
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*		19. ELEV. CASINGHEAD	
8-28-72		10-8-72		10-8-72		3894.8' GR & 3909' K.B.		3896.0'	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		24. ROTARY TOOLS	
10,350' MD		10,275' MD		4		→		0 to TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE		26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED		28. WAS WELL CURED	
Upper Morrow 10,032' to 10,080' K.B.		40		Compensated Neutron, Formation Density		NO		NO	
29. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
13-3/8"		48#		30.00		17-1/2"		2 cu. yds. ready mix	
8-5/8"		24#		2549.07'		12-1/4"		800 sks lite wt. & 150	
4-1/2"		11.6#		10,350.0'		7-7/8"		300 sks Class H	
30. TUBING RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
None									
SIZE		DEPTH SET (MD)		PACKER SET (MD)		SIZE		DEPTH SET (MD)	
2-3/8"		9870' K.B.		9862' K.B.					
31. PERFORATION RECORD (Interval, size and number)									
Upper Morrow:									
10,034' to 10,048' 14 holes, 0.33" size									
10,068' to 10,078' 10 holes, 0.33" size									
32. ACID, SHALE FRACTURE, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED									
None									
33. PRODUCTION									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)			
10-14-72		Flowing				Shut in			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.	
10-22-72						→		5,261	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.	
				→				None	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY		35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		37. DATE	
Vented				Deviation Report and 4 point Back Pressure Test		SIGNED		11-8-72	
						TITLE		Production Superintendent	
						DATE		11-8-72	

*(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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
DST No. 1 Upper Morrow	9916	9975	Tool open at 11:20 A.M. 9-30-72, 3/4" bottom choke, 4 hr. test. GTS in 3-3/4 Hrs. TSTM. No surface pressure. Recovered 180' of gas cut mud. 1 hr. ISIP 415#, IFP 69#, FFP 115#, 1 hr. FSIP 462#.	Delaware	2105	
DST No. 2 Lower Morrow	10,246	10,300	Tool open at 7:30 AM 10-4-72, 1/4" bottom choke, 1 hour test. Dry test. Recovered 210' drilling mud, no show, 1 Hr. ISIP 253# IFP 92#, FFP 92#, 1 hr. FSIP 138#	Bone Spring Lr	3586	
DST No. 3 Upper & Lower Morrow	9904	10,300	Tool open at 6:30 AM 10-6-72, 1/2" bottom choke, 4 hr. test. GTS in 10 minutes. Gas Surface press. 800psi on 9/16" choke. Gas at rate of 4 MCF/day. Recovered 496' of 49.2° API white condensate. 1 hr. ISIP 4170#, IFP 1640#, FFP 2013#, 2 hr. FSIP 4126#.	1st BoneSprg. Sp	5363	
				3rd "	7309	
				Penn Lime	8299	
				Strawn	8864	
				Atoka	9067	
				Upper Morrow	9472	
No cores taken.				Lower Morrow	10,131	
No other zones tested.				Barnett Shale	10,258	

WELL NAME AND NUMBER Union Federal #1

LOCATION 1650/N 2310/W Section 23, T23S, R24E, Eddy County, New Mexico
(New Mexico give U.S.T&R: TEXAS GIVE S,BLK,SURV.& TWP)

OPERATOR Jake L. Hamon

DRILLING CONTRACTOR Moran Oil Producing & Drilling Corp.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>1/2 149</u>	<u>2 3/4 4278</u>	<u>1 1/2 6865</u>	<u>1 1/2 9955</u>
<u>3/4 301</u>	<u>2 3/4 4304</u>	<u>1 3/4 7274</u>	<u>1 10,350</u>
<u>1 1/4 725</u>	<u>3 4500</u>	<u>1 3/4 7385</u>	
<u>1 1/2 790</u>	<u>3 1/2 4657</u>	<u>1 3/4 7617</u>	
<u>3/4 1077</u>	<u>3 1/4 4783</u>	<u>1 3/4 7962</u>	
<u>1/2 1328</u>	<u>3 1/4 4908</u>	<u>2 1/4 8341</u>	
<u>1 2080</u>	<u>3 5034</u>	<u>2 3/4 8563</u>	
<u>1 2739</u>	<u>3 1/4 5160</u>	<u>2 1/2 8659</u>	
<u>1 3/4 3240</u>	<u>3 5538</u>	<u>2 1/2 8720</u>	
<u>3 3710</u>	<u>2 3/4 5663</u>	<u>2 8825</u>	
<u>3 3867</u>	<u>3 5790</u>	<u>1 3/4 9164</u>	
<u>3 4085</u>	<u>2 1/2 6168</u>	<u>2 9360</u>	
<u>2 3/4 4153</u>	<u>2 1/2 6453</u>	<u>1 9560</u>	

Drilling Contractor MORAN OIL PRODUCING & DRILLING CORP

By

K. D. McPeters
K. D. McPeters, Vice President

Subscribed and sworn to before me this 16th day of October, 1972

My Commission expires:
April 1, 1972

Wayne Summey
Notary Public
Lea County, New Mexico

