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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form O-104
Supersedes Old O-104 and
Effective 1-1-65

DEC 19 1979

O. C. D.

ARTESIA, OFFICE

Marbob Energy Corporation

Address
P.O. Box 304, Artesia, N. M. 88210

Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☒	Request 50 bbl/day allowable
Recompletion ☐	
Change in Ownership ☐	
Change in Transporter of: Oil ☐ Dry Gas ☐ Casinghead Gas ☐ Condensate ☐	

If change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Old Loco Unit	Well No. 18	Pool Name, including Formation Grbg. Jackson Queen Grbg. SA	Kind of Lease State, Federal or Fee State	Lease No. B-4918
Location Unit Letter N : 990 Feet From The South Line and 2310 Feet From The West Line of Section 32 Township 17S Range 29E, NMPM, Eddy				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Texas-New Mexico Pipeline Co.	Address (Give address to which approved copy of this form is to be sent) P.O. Box 2528, Hobbs, N.M. 88240					
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ Phillips Petroleum Co.	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, Texas 79762					
If well produces oil or liquids, give location of tanks.	Unit J	Sec. 32	Twp. 17S	Rge. 29E	Is gas actually connected? Yes	When 12-15-79

If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well ☐	New Well ☒	Workover ☐	Deepen ☐	Plug Back ☐	Same Res'n. ☐
Date Spudded 11/13/79	Date Compl. Ready to Prod. 12/13/79		Total Depth 2862'		P.B.T.D. 2848		
Elevations (DF, RKB, RT, GR, etc.) 3590 GR	Name of Producing Formation Premier, Grayburg		Top Oil/Gas Pay 2442'		Tubing Depth 2500'		
Perforations 2442-2454, 2553-2565, 2677-2683, 2706-2712, 2730-2736					Depth Casing Shoe 2850		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4"	8 5/8" 20#	239'	175
7 7/8"	4 1/2" 10.50#	2850'	275
	2 7/8"	2500'	

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 12/13/79	Date of Test 12/15/79	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 24 hrs.	Tubing Pressure 40# flowline	Casing Pressure 40# flowline	Choke Size 2"
Actual Prod. During Test 50	Oil-Bbls. 50	Water-Bbls. -0-	Gas-MCF To Phillips

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Cascha Aris
(Signature)

Secretary

(Title)

12/17/79

(Date)

OIL CONSERVATION COMMISSION
DEC 21 1979

APPROVED _____, 19____

BY *W. A. Gussott*

TITLE SUPERVISOR, DISTRICT H

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the movable tests taken on the well in accordance with RULE 111.

All portions of this form must be filled out completely for all wells on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter or other such change of records.

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NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-1-78

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-4918

1a. TYPE OF WELL <i>bm 1</i>	OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	RECEIVED DEC 19 1979
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		

7. Unit Agreement Name Old Loco Unit
8. Farm or Lease Name Old Loco Unit
9. Well No. 18
10. Field and Pool, or Wildcat SA Grbg Jackson Queen Grbg

2. Name of Operator Marbob Energy Corporation	O. C. D. ARTESIA, OFFICE
3. Address of Operator P.O. Box 304, Artesia, N.M. 88210	
4. Location of Well	

UNIT LETTER <u>N</u> LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM <u>West</u>	LINE OF SEC. <u>32</u> TWP. <u>17S</u> RGE. <u>29E</u>	12. County Eddy
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15. Date Spudded 11/13/79	16. Date T.D. Reached 11/19/79	17. Date Compl. (Ready to Prod.) 12/13/79	18. Elevations (DF, RKB, RT, GR, etc.) 3590 GR	19. Elev. Casinghead
20. Total Depth 2862'	21. Plug Back T.D. 2848'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools X	24. Producing Interval(s), of this completion - Top, Bottom, Name Premier & Grayburg 2454-2565, 2677-2736
25. Type Electric and Other Logs Run Radioactivity				26. Was Directional Survey Made Yes
27. Was Well Cored No				

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	20#	239'	12 1/2"	175 sax	
4 1/2"	10.50#	2850'	7 7/8"	275 sax	

LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	2500'	

31. Perforation Records (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2442 - 2454'	12 holes			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2553 - 2565'	12 holes			2677-2736	40,000# 20-40 sand, 12,000# 10-20 sand, 40,000 gal gel wtr
2677 - 2683'				2442-2565	40,000# 20-40 sand, 12,000# 10-20 sand, 40,000 gal gel wtr
2706 - 2713'					
2730 - 2736'					

33. PRODUCTION							
Date First Production 12/13/79		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 12/15/79	Hours Tested 24	Choke Size 2"	Prod'n. For Test Period 50	Oil - Bbl. to Phillips	Gas - MCF -0-	Water - Bbl. -0-	Gas - Oil Ratio
Flow Tubing Press. 40# flowline	Casing Pressure 40# flowline	Calculated 24-Hour Rate 50	Oil - Bbl. to Phillips	Gas - MCF -0-	Water - Bbl. -0-	Oil Gravity - API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Mack C. Chase	

35. List of Attachments Radioactivity log
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36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED <i>Carolyn Davis</i>	TITLE Secretary	DATE 12/17/79

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than _____ days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1185.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 2442 _____ to _____ 2565 _____	No. 4, from _____ to _____
No. 2, from _____ 2677 _____ to _____ 2736 _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	_____ feet.
No. 2, from _____ to _____	_____ feet.
No. 3, from _____ to _____	_____ feet.
No. 4, from _____ to _____	_____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	25	25	Caliche				
25	68	43	Red bed & gyp				
68	255	187	Gyp & anhydrite				
255	550	295	Salt				
550	1100	550	Salt & anhydrite				
1100	2862	1762	Anhydrite & lime				
	2862		TD				
			Show of oil & gas				
			2442-2565				
			2677-2736				



WM. N. MORGAN
Off. Ph.: 505-748-2194
Home Ph.: 505-748-2325
P. O. Drawer 1
Artesia, N.M. 88210

RECEIVED

DEC 19 1979

O. C. D.
ARTESIA, OFFICE

Marbob Energy Corp.
P.O. Box 304
Artesia, New Mexico 88210

Re: Old Loco Unit #18
Sec. 32 Twn17S Rge29E
990 'S 2310 'W
Eddy County

Gentlemen:

The following is a Deviation Survey of the above well:

265' - 1 degree
545' - 1 1/4 degree
1013' - 1 degree
1612' - 1 1/4 degree
2212' - 1 1/2 degree
2658' - 1 1/2 degree
2862' - 1 1/2 degree

Yours very truly,

William N. Morgan

William N. Morgan
Alta-West Drlg., Inc.

State of New Mexico)
County of Eddy)

The foregoing was acknowledged before me this 23rd day
of November, 1979 by William N. Morgan.

My Commission Expires:

June 13, 1981

Loy S. Fletcher
Notary Public