

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

RECEIVED  
JUN 13 '94  
O. C. D.  
ARTESIA OFFICE  
APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. Merit Energy Company 12222 Merit Drive, Suite 1500 Dallas, TX 75251		OGRID Number 014591
Property Code 007693		API Number 30 - 015-20936
Property Name Johnson Com		Well No. 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	2	18S	25E		2080	South	660	East	Eddy

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Eagle Creek (Permo-Penn)					Proposed Pool 2				

Work Type Code P	Well Type Code G	Cable/Rotary	Lease Type Code P	Ground Level Elevation 3468
Multiple No	Proposed Depth 6800' est PBTD	Formation Permo-Penn	Contractor	Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
24"	20"	--	32'	2 1/2 cu yds	--
17 1/2"	13 3/8"	48	500'	500 sx	Surface
12 1/4"	8 5/8"	24	1300'	1212 sx + 5 yds	
7 7/8"	5 1/2"	14, 15.5 & 17	8650'	565 sx	6240'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Plug back well from Atoka Morrow, West with perfs at 8380' - 8423' to Eagle Creek (Permo-Penn) with proposed perfs at 6678'-6775'. A bridge plug will be set above the Morrow zone. Well will be acidized w/1000 gals 15% HCL.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Sheryl J. Carruth

Title: Regulatory Manager

Date: 6-8-94

Phone: 214-701-8377

OIL CONSERVATION DIVISION

Approved by:

Title: GEOLOGIST

Approval Date: 6-13-94

Expiration Date: 12-13-94

Conditions of Approval:

Attached ☐

MEXICO OIL CONSERVATION COM' SE  
LOCATION AND ACREAGE DEDICATION LAT

Form C-104  
Supersedes C-12H  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

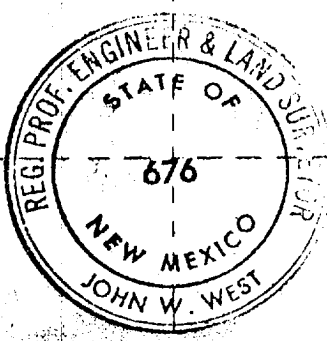
Operator <b>Merit Energy Company</b>			Lease <b>Johnson - Com.</b>		Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>2</b>	Township <b>18 South</b>	Range <b>25 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>2080</b> feet from the <b>south</b> line and <b>660</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3468</b>	Producing Formation <b>Permo-Penn</b>		Pool <b>Eagle Creek (Permo-Penn)</b>		Dedicated Acreage: <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization exists for Atoka Morrow West zone. In process of applying for Eagle Creek (Permo-Penn). Ownership is the same.

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

	<b>Yates Bros.</b> <b>39.64 Acres</b> <b>HBP</b> <b>Lessor:</b> <b>U. S. Government</b> <b>NM 0630</b>
	<b>The Superior Oil Company</b> <b>199.80 Acres</b> <b>9-12-73</b> <b>Lessor: A. M. Johnson</b> <b>NW NE, S/2 NE, N/2 SE</b>
	<b>Coquina Oil Corp.</b> <b>35.0 Acres, 8-30-73</b> <b>Yates Bros.</b> <b>45.0 Acres, 4-13-78</b> <b>Lessor: Kemp Lumber Co., et al</b> <b>S/2 SE/4</b>

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

**Sheryl J. Carruth**

Name

**Regulatory Manager**

Position

**Merit Energy Company**

Company

**6-9-94**

Date

*Sheryl J. Carruth*

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

**August 25, 1973**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No.

**676**

0 380 660 940 1220 1500 1780 2060 2340 2620 2900 3180 3460 3740 4020 4300 4580 4860 5140 5420 5700 5980 6260 6540 6820 7100 7380 7660 7940 8220 8500 8780 9060 9340 9620 9900 10180 10460 10740 11020 11300 11580 11860 12140 12420 12700 12980 13260 13540 13820 14100 14380 14660 14940 15220 15500 15780 16060 16340 16620 16900 17180 17460 17740 18020 18300 18580 18860 19140 19420 19700 19980 20260 20540 20820 21100 21380 21660 21940 22220 22500 22780 23060 23340 23620 23900 24180 24460 24740 25020 25300 25580 25860 26140 26420 26700 26980 27260 27540 27820 28100 28380 28660 28940 29220 29500 29780 30060 30340 30620 30900 31180 31460 31740 32020 32300 32580 32860 33140 33420 33700 33980 34260 34540 34820 35100 35380 35660 35940 36220 36500 36780 37060 37340 37620 37900 38180 38460 38740 39020 39300 39580 39860 40140 40420 40700 40980 41260 41540 41820 42100 42380 42660 42940 43220 43500 43780 44060 44340 44620 44900 45180 45460 45740 46020 46300 46580 46860 47140 47420 47700 47980 48260 48540 48820 49100 49380 49660 49940 50220 50500 50780 51060 51340 51620 51900 52180 52460 52740 53020 53300 53580 53860 54140 54420 54700 54980 55260 55540 55820 56100 56380 56660 56940 57220 57500 57780 58060 58340 58620 58900 59180 59460 59740 60020 60300 60580 60860 61140 61420 61700 61980 62260 62540 62820 63100 63380 63660 63940 64220 64500 64780 65060 65340 65620 65900 66180 66460 66740 67020 67300 67580 67860 68140 68420 68700 68980 69260 69540 69820 70100 70380 70660 70940 71220 71500 71780 72060 72340 72620 72900 73180 73460 73740 74020 74300 74580 74860 75140 75420 75700 75980 76260 76540 76820 77100 77380 77660 77940 78220 78500 78780 79060 79340 79620 79900 80180 80460 80740 81020 81300 81580 81860 82140 82420 82700 82980 83260 83540 83820 84100 84380 84660 84940 85220 85500 85780 86060 86340 86620 86900 87180 87460 87740 88020 88300 88580 88860 89140 89420 89700 89980 90260 90540 90820 91100 91380 91660 91940 92220 92500 92780 93060 93340 93620 93900 94180 94460 94740 95020 95300 95580 95860 96140 96420 96700 96980 97260 97540 97820 98100 98380 98660 98940 99220 99500 99780 100060 100340 100620 100900 101180 101460 101740 102020 102300 102580 102860 103140 103420 103700 103980 104260 104540 104820 105100 105380 105660 105940 106220 106500 106780 107060 107340 107620 107900 108180 108460 108740 109020 109300 109580 109860 110140 110420 110700 110980 111260 111540 111820 112100 112380 112660 112940 113220 113500 113780 114060 114340 114620 114900 115180 115460 115740 116020 116300 116580 116860 117140 117420 117700 117980 118260 118540 118820 119100 119380 119660 119940 120220 120500 120780 121060 121340 121620 121900 122180 122460 122740 123020 123300 123580 123860 124140 124420 124700 124980 125260 125540 125820 126100 126380 126660 126940 127220 127500 127780 128060 128340 128620 128900 129180 129460 129740 130020 130300 130580 130860 131140 131420 131700 131980 132260 132540 132820 133100 133380 133660 133940 134220 134500 134780 135060 135340 135620 135900 136180 136460 136740 137020 137300 137580 137860 138140 138420 138700 138980 139260 139540 139820 140100 140380 140660 140940 141220 141500 141780 142060 142340 142620 142900 143180 143460 143740 144020 144300 144580 144860 145140 145420 145700 145980 146260 146540 146820 147100 147380 147660 147940 148220 148500 148780 149060 149340 149620 149900 150180 150460 150740 151020 151300 151580 151860 152140 152420 152700 152980 153260 153540 153820 154100 154380 154660 154940 155220 155500 155780 156060 156340 156620 156900 157180 157460 157740 158020 158300 158580 158860 159140 159420 159700 160000