

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

COPY

Form C-101
June 16, 2008

RM

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

NOV 25 2009

NOV 25 2009
AMENDED RECEIPT

RECEIVED
NMOCD ARTESIA

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Marbob Energy Corporation, P.O. Box 227, Artesia, NM 88211-0227		² OGRID Number 14049
		³ API Number 30 - 015-21398
⁴ Property Code 37923	⁵ Property Name SRO 16 SWD	⁶ Well No. 1
⁹ Proposed Pool 1. SWD; DEVONIAN		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
G	16	26S	28E		1980'	North line	1980'	East Line	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

Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code S	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code	¹⁵ Ground Level Elevation 3023.8'
¹⁶ Multiple	¹⁷ Proposed Depth 15100'	¹⁸ Formation Devonian	¹⁹ Contractor	²⁰ Spud Date Upon Approval

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48, 54.5, 61	2434'	2650	Surface-In Place
12 1/4"	9 5/8"	40, 43.5, 47	5933' - 9441'	500	6408-In Place
8 1/2"	See below				

² 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.

Clean well out to 9 5/8" casing stub @5933' with 12 1/4" bit, tie 9 5/8" back to surface and cement to surface with 3500 CF cement. Clean out to original TD 14572' with 8 1/2" bit, deepen to 15100', run 7" casing to 14525' and cement to surface with approx. 3200 CF cement. Complete well as in open hole Devonian SWD from 14525' to 15100'. Run 4 1/2" injection tubing and packer to approx. 14475' and place well in SWD service per Order SWD-1195. Will do reentry with drilling rig using 5000psi WP Cameron double ram BOP plus annular BOP tested to 5000psi.

5/8" Tieback String: 0-1000' 1000' 9 5/8/ 40/ N80/ LTC
1000-4700' 3700' 9 5/8/ 40/ J55/ LTC
4700-5933' 1233' 9 5/8/ 40/ N80/ LTC

" Long String; 0-9500' 9500' 7"/ 23/ Mav95-110/ LTC
9500'-14525' 5025' 7"/26/ Mav95-110/ LTC

¹ I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature

Printed name: **Marissa Villa**

Title: **Land Department**

E-mail Address: **reception@marbob.com**

Date: **11/11/2009**

Phone: **575-748-3303**

OIL CONSERVATION DIVISION

Approved by:

Title

Approval Date

Expiration Date.

Conditions of Approval Attached ☐

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 15, 2009
Submit one copy to appropriate
District Office

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-21398	² Pool Code 96101	³ Pool Name SWD; DEVONIAN
⁴ Property Code	⁵ Property Name SRO16 SWD	
⁷ OGRID No. 14049	⁸ Operator Name MARBOB ENERGY CORPORATION	
		⁶ Well Number 1
		⁹ Elevation 3023

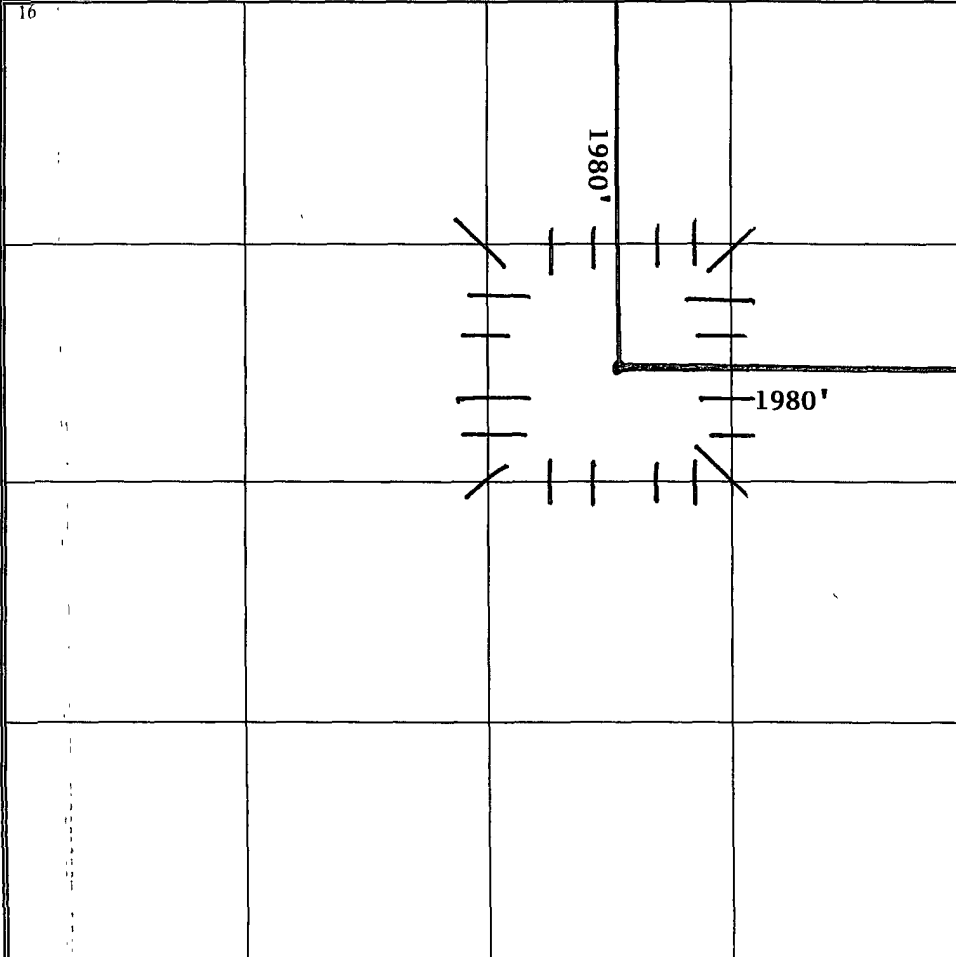
¹⁰ Surface Location

UL or lot no. G	Section 16	Township 26S	Range 28E	Lot Idn	Feet from the 1980	North/South line NORTH LINE	Feet from the 1980	East/West line EAST LINE	County EDDY
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¹¹ 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
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code			¹⁵ Order No.				

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div style="text-align: center;"></div>	<p>¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i></p> <p style="text-align: right;">11/11/09 Date</p> <p>Signature: <i>Marissa Villa</i></p> <p>Marissa Villa Printed Name</p> <p>¹⁸ SURVEYOR CERTIFICATION <i>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 belief</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>
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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-131
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator JAKE L. HAMON		Lease STATE LG-1175		Well No. 1
Tract Letter G	Section 16	Township 26 SOUTH	Range 28 EAST	County EDDY
Aerial Photo Location of Well				
1980	feet from the	NORTH	line and	1980
				feet from the
				EAST
Ground Level Elev 3023.8	Producing Formation Devonian		Perforation Wildcat	Estimated Acreage 320

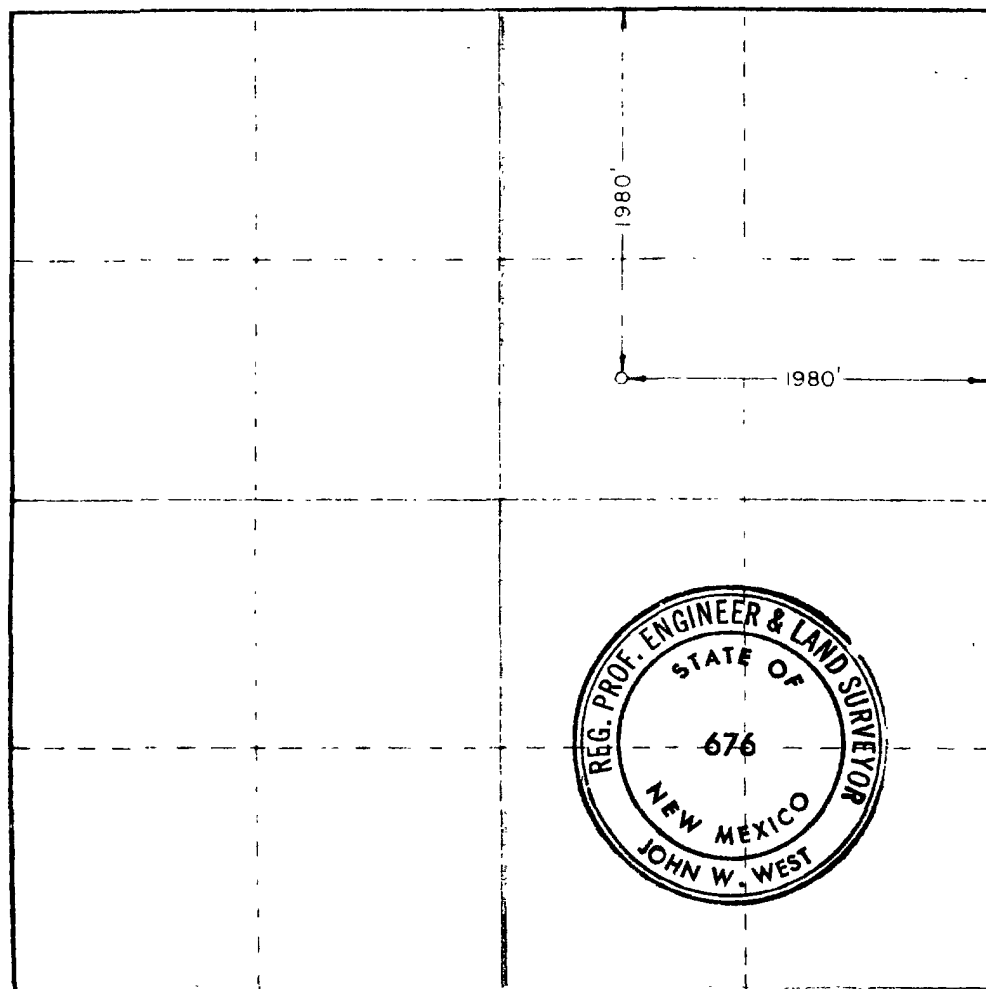
- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)

All one lease
- 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 _____

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.



CERTIFICATION

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

H. W. Shaw
H. W. Shaw

Production Superintendent

Jake L. Hamon

October 8, 1974

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

JUNE 10, 1974

Registered Professional Engineer and Land Surveyor

John W. West
John W. West

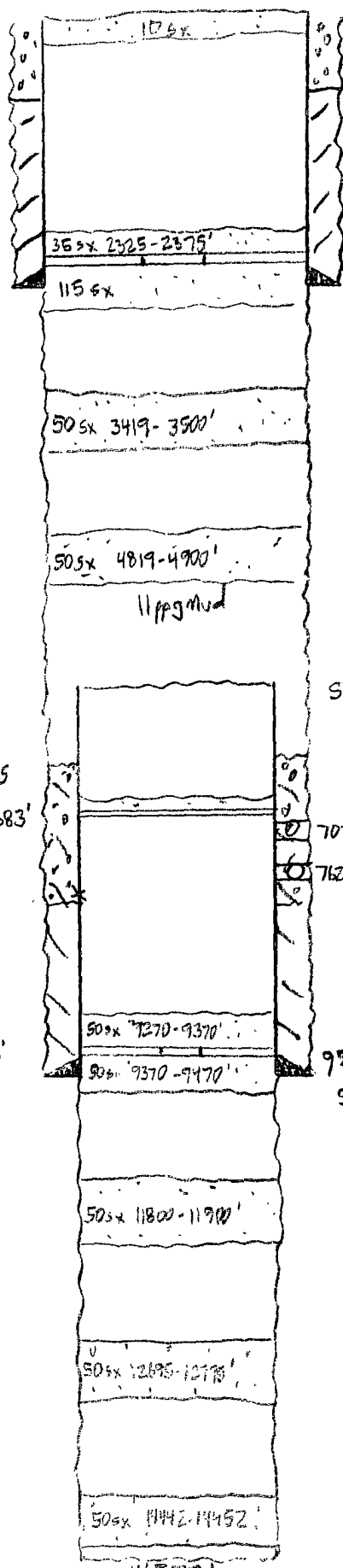
676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

30-015-21398

(Formerly, St. LG-1175 #1)
1980' FNL, 1980' FEL
G-16-26s-28e
Eddy NM

Zero: 17' AGL
KB: 3041'
GL: 3024'



TDC 620' TS

Rtnr 2375'

36s x 2325-2375'

115 s x

13 3/8" / 48, 54.5, 61 / H40, J95 / LTC @ 2434'

1600s x HLC + 400s x H + 650s x "C" w/ 1" to surface

Wtr Flow 2809-10', 3034-98'

12 1/4"

50 s x 3419-3500'

50 s x 4819-4900'

11 pgs mud

Before S&W Conversion

Shot off & pull 9 5/8" @ 5933'

TDC 6408' TS

CIBP + 8s x cmt 6883'

7030-7076 (30)

BS

7129-7170 (33)

BS

8 shots 7904-06'
800s x cmt

Rtnr 9370'

50 s x 9270-9370'

50 s x 9370-9470'

9 5/8" / 40, 43.5, 47 / H35, N80, 595 / LTC, BTC @ 9441'
500s x H

8 1/2"

50 s x 11800-11900'

50 s x 12005-12105'

50 s x 14442-14452'

14572'

30-015-21398

(Formerly St. Ls-1175 #1)

1980' FNL, 1980' FEL

G-16-26s-28e

Eddy NM

Zero: 17' AGL

KB: 3041'

GL: 3024'

