Received by OCD	o Appropriate District:06	D	State of New Mex				Form C-103 of 10
$\underline{\text{District I}} - (575)$	393-6161 Dr., Hobbs, NM 88240	Energy, N	Inerals and Natur	al Resources	WELL API N		ed July 18, 2013
<u>District II</u> – (575)		OIL CO	NSERVATION	DIVISION	30-015-537	' 10	
District III - (505	<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410		0 South St. Fran		5. Indicate T STAT		3 N
District IV - (505	5) 476-3460	5	Santa Fe, NM 87	505		& Gas Lease No.	_
1220 S. St. Franc 87505	is Dr., Santa Fe, NM						
(DO NOT LIGE T			ORTS ON WELLS	C D A CW TO A	7. Lease Nar	ne or Unit Agree	ement Name
DIFFERENT RE	HIS FORM FOR PROPO SERVOIR. USE "APPLIC				Armstro	ng 35/23 H3ME	E Fed Com
PROPOSALS.) 1. Type of W	ell: Oil Well 🗸	Gas Well \(\square\)	Other		8. Well Num	nber 2H	
2. Name of O					9. OGRID N	lumber 1474	
3. Address of					10. Pool nam	ne or Wildcat	
	270 Hobbs, NM	88241			Jennings;	Bone Spring	West
4. Well Locat	A.1	230 feet f	from the South	line and 17	10 c	t from the Wes	et i
Section	Letter		nship 25S Rar		NMPM	County	Eddy
Section	on JC		Show whether DR,	RKB, RT, GR, etc.,		County	Ludy
			3300' G	<u>SL</u>			
	12 Check /	Annronriate R	ox to Indicate Na	ature of Notice	Report or Ot	ther Data	
		11 1	•		•		
DEDECOM DI	NOTICE OF IN EMEDIAL WORK □	ITENTION TO PLUG AND AE		SUB REMEDIAL WOR		REPORT O	F: GCASING □
TEMPORARIL	· =	CHANGE PLA		COMMENCE DRI	_		
PULL OR ALT		MULTIPLE CC		CASING/CEMENT	T JOB [Ī	_
DOWNHOLE							
CLOSED-LOC OTHER:	DP SYSTEM			OTHER:			
	be proposed or comp						
	ting any proposed wo		. 19.15.7.14 NMAC	. For Multiple Coi	mpletions: Atta	ich wellbore dia	gram of
	•	•			- the engage	d ADD and aba	
Changes:	ompany requests a						inge the well name.
a) Run 10.75" SC	C BTC intermediated action casing w/ 9	e casing (Appro	oved APD - Run 9.	.625" LTC interm	ediate casing)) " hole)	
c) Run 5.5" liner v	w/ 6.75" hole (Appro	oved APD - Rur	n 4.5" liner w/ 6.25	5" hole)	•	,	
d) Change well no Please refer to the	ame from "Armstror e documents attach	าg 35/23 H3ME าed for further d	: Fed Com #2H" to lesion information.	a "Armstrong 35/2	23 Fed Com #	572H" (see atta	ached C102)
			3				
Γ				0.46	20/0000		
Spud Date:	6/4/2023	3	Rig Release Dat	e: 6/3	30/2023		
I hereby certify	that the information	above is true and	complete to the bear	st of my knowledg	e and belief.		
SIGNATURE_	Gage	Owen	TITLE	Engineer		_DATE5	5/8/2023
Type or print na	0000		E-mail address:	gowen@mewb	ourne.com	PHONE: 575	5-552-6224
For State Use							
APPROVED B	Y·		TITLE			DATE	
	Approval (if any):						

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011 Submit one copy to appropriate District Office

■ AMENDED REPORT

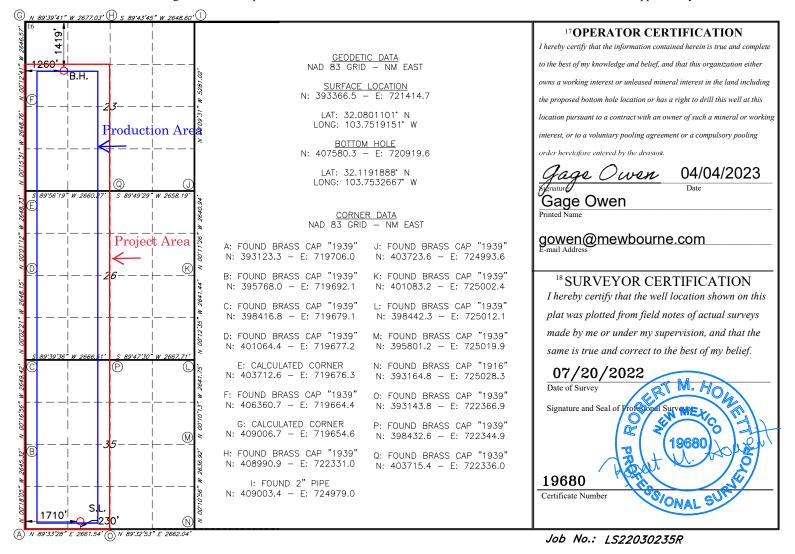
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-53710		² Pool Code 97860	Jennings; Bone Spring	West	
⁴ Property Code 334797		Armstrong 35/23 Fed Com			
70GRID NO. 14744		1	erator Name E OIL COMPANY	⁹ Elevation 3300'	

¹⁰ Surface Location

					Surface	Location			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
N	35	25S	31E		230	SOUTH	1710	WEST	EDDY
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
E	23	25S	31E		1419	NORTH	1260	WEST	EDDY
12 Dedicated Acres	13 Joint	or Infill 1	4 Consolidation	Code 15 (Order No.				•
880									

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



Mewbourne Oil Company, Armstrong 35/23 Fed Com #572H Sec 35, T25S, R31E

SHL: 230' FSL & 1710' FWL, Sec 35 BHL: 1419' FNL & 1260' FWL, Sec 23

Casing Program

II-1- 6:	E	To	C 6:	Weight	C d-	C	SF	SF Burst	SF Jt	SF Body
Hole Size	From	10	Csg. Size	(lbs)	Grade	Conn.	Collapse	SF Burst	Tension	Tension
17.500	0'	995'	13.375	48.0	H40	STC	1.69	3.80	6.74	11.33
12.250	0'	2701'	10.750	40.5	J55	BTC	1.13	2.23	3.97	3.57
12.250	2701'	3573'	10.750	45.5	J55	BTC	1.13	1.93	11.91	10.70
12.250	3573'	4170'	10.750	45.5	N80	BTC	1.14	2.40	40.36	38.26
9.875	0'	10336'	7.625	29.7	HCP110	LTC	1.38	1.83	2.51	3.06
6.750	10136'	25149'	5.500	20.0	P110	USS-Talon HTQ	1.62	1.85	1.83	2.13
				DI M Minimum Cafaty Factor		1.125	1.0	1.6 Dry	1.6 Dry	
				BLM Minimum Safety Factor			1.125	1.0	1.8 Wet	1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h. Must have table for contingency casing

			Y or N
Is casing new? If used, attach certification as requi	red in Onshore Order #1		Y
Is casing API approved? If no, attach casing spec	ification sheet.		Y
Is premium or uncommon casing planned? If yes a	ttach casing specification sheet.		N
Does the above casing design meet or exceed BLN	M's minimum standards? If not pr	rovide justification (loading assumptions, casing design criteria).	Y
Will the pipe be kept at a minimum 1/3 fluid filled	o avoid approaching the collapse	pressure rating of the casing?	Y
1 1	11 0 1		
Is well located within Capitan Reef?			N
If yes, does production casing cement tie back	a minimum of 50' above the Ree	f?	
Is well within the designated 4 string boundary.			N
5 5 7			
Is well located in SOPA but not in R-111-P?			N
If yes, are the first 2 strings cemented to surface	e and 3 rd string cement tied back	500' into previous casino?	
in yes, are the more 2 strings comented to started	o and o same coment and can	and previous enough	
Is well located in R-111-P and SOPA?			N
If yes, are the first three strings cemented to su	rface?		
Is 2 nd string set 100' to 600' below the base of			
Is an open annulus used to satisfy R-111-Q? If yes			
Is an engineered weak point used to satisfy R-111-			
If yes, at what depth is the weak point planned	`		_
y			
Is well located in high Cave/Karst?			Y
If yes, are there two strings cemented to surface	e?		Y
(For 2 string wells) If yes, is there a contingence	y casing if lost circulation occurs	?	
	, ,		
Is well located in critical Cave/Karst?			N
If yes, are there three strings cemented to surfa	ce?		
Formation	Est. Top	Formation	Est. Top
Rustler	918'	Delaware (Lamar)	4246'
Salt Top	1272'	Bell Canyon	4272
Salt Base	4020'	Cherry Canyon	5410'
Yates		Manzanita Marker	5482'
Seven Rivers		Basal Brushy Canyon	7941'
Queen		Bone Spring	8289'
Capitan		1st Bone Spring Sand	9246'
Grayburg		2nd Bone Spring Sand	9849'
San Andres		3rd Bone Spring Sand	
Glorieta		Abo	
Yeso		Wolfcamp	

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

E	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021

JREAU OF LAND MANAGEMENT	5. Lease Seri

BURI	EAU OF LAND MANAGEMENT	3. Lease Schai ivo.		
Do not use this f	OTICES AND REPORTS ON Worm for proposals to drill or to Jse Form 3160-3 (APD) for suc	6. If Indian, Allottee o	r Tribe Name	
abandoned wen.	ose romi oroc-o (Ar b) for suc	п ргорозиіз.	7 If II: 4 - f C A / A	None and None
	TRIPLICATE - Other instructions on page	9 2	/. If Unit of CA/Agree	ement, Name and/or No.
1. Type of Well			8. Well Name and No.	
Oil Well Gas W	Vell Other			
2. Name of Operator			9. API Well No.	
3a. Address	3b. Phone No.	(include area code)	10. Field and Pool or I	Exploratory Area
4. Location of Well (Footage, Sec., T.,R	.,M., or Survey Description)		11. Country or Parish,	State
12. CHE	CK THE APPROPRIATE BOX(ES) TO INC	DICATE NATURE OF NO	TICE, REPORT OR OTH	IER DATA
TYPE OF SUBMISSION		TYPE OF A	CTION	
Notice of Intent	Acidize Deep Alter Casing Hydra	=	oduction (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair New	Construction Re	ecomplete	Other
Subsequent Report	Change Plans Plug	and Abandon Te	mporarily Abandon	
Final Abandonment Notice	Convert to Injection Plug	Back W	ater Disposal	
completed. Final Abandonment Not is ready for final inspection.)	ns. If the operation results in a multiple comices must be filed only after all requirements			
4. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)	Title		
Signature		Date		
	THE SPACE FOR FEDE	ERAL OR STATE C	FICE USE	
Approved by			I	
rr		Title	I	Date
	ned. Approval of this notice does not warrant quitable title to those rights in the subject lead duct operations thereon.			
	B U.S.C Section 1212, make it a crime for an		villfully to make to any de	partment or agency of the United States

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law 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, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

(Form 3160-5, page 2)

Additional Information

Location of Well

0. SHL: SESW / 230 FSL / 1710 FWL / TWSP: 25S / RANGE: 31E / SECTION: 35 / LAT: 32.0801101 / LONG: -103.7519151 (TVD: 0 feet, MD: 0 feet)

PPP: SWNW / 2637 FNL / 1260 FWL / TWSP: 25S / RANGE: 31E / SECTION: 23 / LAT: 32.1158342 / LONG: -103.7532772 (TVD: 10987 feet, MD: 23921 feet)

PPP: SWNW / 2649 FSL / 1260 FWL / TWSP: 25S / RANGE: 31E / SECTION: 26 / LAT: 32.1012873 / LONG: -103.7533147 (TVD: 10962 feet, MD: 18629 feet)

PPP: NWSW / 0 FSL / 1260 FWL / TWSP: 25S / RANGE: 31E / SECTION: 26 / LAT: 32.0976478 / LONG: -103.7533241 (TVD: 10956 feet, MD: 17305 feet)

PPP: SWSW / 0 FSL / 1260 FWL / TWSP: 25S / RANGE: 31E / SECTION: 26 / LAT: 32.0940165 / LONG: -103.7533335 (TVD: 10950 feet, MD: 15984 feet)

PPP: SWSW / 100 FSL / 1260 FWL / TWSP: 25S / RANGE: 31E / SECTION: 35 / LAT: 32.0797471 / LONG: -103.7533702 (TVD: 10663 feet, MD: 10701 feet)

BHL: SWNW / 1419 FNL / 1260 FWL / TWSP: 25S / RANGE: 31E / SECTION: 23 / LAT: 32.1191888 / LONG: -103.7532667 (TVD: 10993 feet, MD: 25140 feet)



PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME: | Mewbourne Oil Company

LEASE NO.: | NMNM017232

WELL NAME & NO.: ARMSTRONG 35-23 FED COM 572H

SURFACE HOLE FOOTAGE: 230'/S & 1710'/W **BOTTOM HOLE FOOTAGE** 1419'/N & 1260'/W

LOCATION: Section 35, T.25 S., R.31 E., NMP

COUNTY: Eddy County, New Mexico

COA

H2S	O Yes	• No	
Potash	None	Secretary	© R-111-P
Cave/Karst Potential	O Low	• Medium	O High
Cave/Karst Potential	Critical		
Variance	O None	Flex Hose	Other
Wellhead	Conventional	• Multibowl	O Both
Other	☐4 String Area	☐ Capitan Reef	□WIPP
Other	☐ Fluid Filled	☐ Cement Squeeze	☐ Pilot Hole
Special Requirements	☐ Water Disposal	☑ COM	□ Unit

All Previous COAs Still Apply.

A. CASING

Casing Design:

- 1. The 13-3/8 inch surface casing shall be set at approximately 995 feet (a minimum of 70 feet (Eddy County) into the Rustler Anhydrite and above the salt) and cemented to the surface.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8** hours or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength,

- whichever is greater.
- d. If cement falls back, remedial cementing will be done prior to drilling out that string.
- 2. The minimum required fill of cement behind the **10-3/4** inch intermediate casing shall be set at approximately **4,170** feet is:
 - Cement to surface. If cement does not circulate see B.1.a, c-d above.
- 3. The minimum required fill of cement behind the 7-5/8 inch production casing is:
 - Cement should tie-back at least 200 feet into previous casing string.
 Operator shall provide method of verification.
 Excess cement calculates to -13%, additional cement might be required.
- 4. The minimum required fill of cement behind the 4-1/2 inch production liner is:
 - Cement should tie-back **100 feet** into the previous casing. Operator shall provide method of verification.

B. PRESSURE CONTROL

- 1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
- 2. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000** (**5M**) psi.
 - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
 - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
 - c. Manufacturer representative shall install the test plug for the initial BOP test.
 - d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
 - e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

C. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Carlsbad Field Office, 620 E Greene St. Carlsbad, New Mexico 88220, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

OTA04132023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 214544

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	214544
	Action Type:
	[C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	None	10/13/2023