Office	To Appropriate District	х:39 AM	State of New Mo	exico			Form 6-103 of 10
<u>District I</u> – (575		0.	y, Minerals and Natu	ural Resources	WELL API		sed July 18, 2013
1625 N. French <u>District II</u> – (57	n Dr., Hobbs, NM 8824 75) 748-1283		CONCEDIATION		WELL API	30-015-53	711
	, Artesia, NM 88210		CONSERVATION			Type of Lease	
1000 Rio Brazo	os Rd., Aztec, NM 874	10	1220 South St. Fra Santa Fe, NM 8		STAT		
<u>District IV</u> – (5 1220 S. St. Fran 87505	05) 476-3460 ncis Dr., Santa Fe, NM		Sama re, min o	7303	6. State Oil	& Gas Lease No	D.
			EPORTS ON WELLS		7. Lease Na	me or Unit Agre	eement Name
,			LL OR TO DEEPEN OR PL PERMIT'' (FORM C-101) F		Armstrono	g 35/23 H3N	F Fed Com
PROPOSALS.)) Well: Oil Well 🔽	Gas Well	Other		8. Well Nur	1	H
2. Name of		J Gas Well L	_ Oulci		9. OGRID N	Viimber	4744
3. Address					10. Pool nai	me or Wildcat	
	5270 Hobbs, I	NM 88241				Bone Spring	g West
4. Well Loc	cation		2 11			•	
	it LetterN_		eet from the South	line and 1		et from the We	
Sec	tion		Township 25S R		NMPM	County	Eddy
		11. Elevati	ion (Show whether DR 3300' (itc.)		
			0000	<u> </u>			
	12. Che	ck Appropriate	e Box to Indicate N	Vature of Notic	e, Report or O	ther Data	
	NOTICE OF	INTENTION	I TO:	l su	JBSEQUENT	REPORT C	F:
	REMEDIAL WORK		D ABANDON 🔲	REMEDIAL WO			G CASING 🔲
	RILY ABANDON	CHANGE I			ORILLING OPNS.	☐ P AND A	
	LTER CASING E COMMINGLE	☐ MULTIPLE	COMPL	CASING/CEME	ENT JOB		
	OOP SYSTEM						
OTHER:				OTHER:			
			ons. (Clearly state all JLE 19.15.7.14 NMA				
	osed completion o		3EE 17.13.7.11 11.111	c. Tor Munipie C	completions. The	ach welloofe at	
Mewbourne Oil Changes:	Company reques	sts approval to a	amend the casing de	sign/drilling plar	n in the approve	ed APD and ch	ange the well name.
a) Run 10.75" S	CC BTC interme	diate casing (A	oproved APD - Run	9.625" LTC inter	rmediate casing	j)	
b) Run 7.625" p	roduction casing	w/ 9.875" hole ((Äpproved APD- Ru Run 4.5" liner w/ 6.2	n 7.0" productio	n casing w/ 8.7	5" hole)	
d) Change well	name from "Arms	strong 35/23 H3	NF Fed Com #1H" t	o "Armstrong 35	5/23 Fed Com #	² 574H" (see att	ached C102)
Please refer to t	the documents at	tached for furth	er design informatio	n.			
Spud Date:	7/1/2	.023	Rig Release D	ate: 7	7/27/2023		
				<u> </u>			
I hereby certif	fy that the informa	tion above is true	and complete to the b	est of my knowle	edge and belief.		
	- Acar	O a . a	F	Engineer		F	5/8/2023
SIGNATURE	gage (111122			DATL	
Type or print	name Gage C	wen	E-mail addres	s: gowen@me	wbourne.com	_ PHONE: <u>57</u>	5-552-6224
For State Use	e Only						
APPROVED	BY:		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

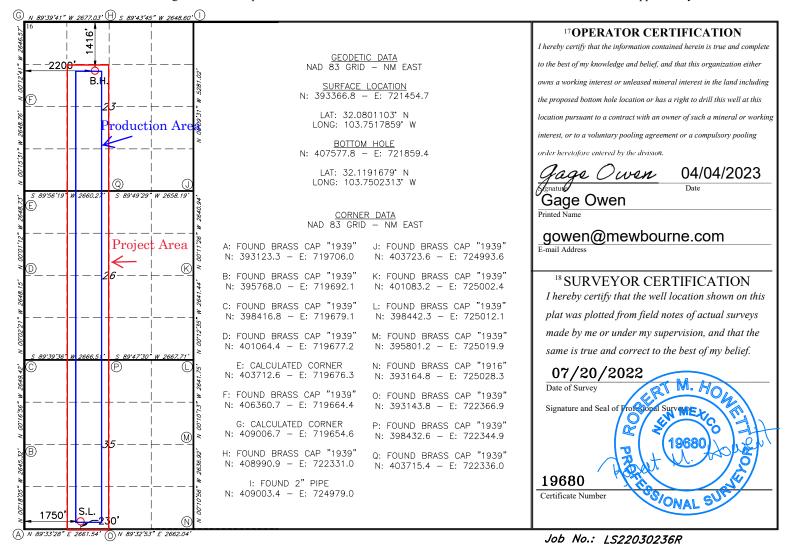
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-53711		97860 Jennings; Bone Sp		ing West	
4Property Code 334797			35/23 Fed Com	6 Well Number ${f 574H}$	
⁷ OGRID NO. 14744			erator Name C OIL COMPANY	⁹ Elevation 3300'	

¹⁰ 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	1750	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
F	23	25S	31E		1416	NORTH	2200	WEST	EDDY
12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.									
440	1								

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 #574H

Sec 35, T25S, R31E

SHL: 230' FSL & 1750' FWL, Sec 35 BHL: 1416' FNL & 2200' FEL, Sec 23

Casing Program

Hole Size	E	To	C C:	Weight	Grade	C	SF	SF Burst	SF Jt	SF Body
Hole Size	From	10	Csg. Size	(lbs)	Grade	Conn.	Collapse	Sr Buist	Tension	Tension
17.500	0'	980'	13.375	48.0	H40	STC	1.72	3.86	6.85	11.50
12.250	0'	2701'	10.750	40.5	J55	BTC	1.13	2.23	3.99	3.58
12.250	2701'	3573'	10.750	45.5	J55	BTC	1.13	1.93	12.03	10.81
12.250	3573'	4155'	10.750	45.5	N80	BTC	1.14	2.41	41.40	39.25
9.875	0'	10161'	7.625	29.7	HCP110	LTC	1.40	1.85	2.55	3.11
6.750	9961'	24982'	5.500	20.0	Talon HTQ	LTC	1.81	1.87	2.13	2.13
		•		DIMM	BLM Minimum Safety		1.125	1.0	1.6 Dry	1.6 Dry
				BLMIM	ınımum Saret	y 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 required in	n Onshore Order #1		Y		
Is casing API approved? If no, attach casing specifica	tion sheet.		Y		
Is premium or uncommon casing planned? If yes attack	n casing specification sheet.		N		
Does the above casing design meet or exceed BLM's a	minimum standards? If not p	provide justification (loading assumptions, casing design criteria).	Y		
Will the pipe be kept at a minimum 1/3 fluid filled to av	oid approaching the collapse	e pressure rating of the casing?	Y		
Is well located within Capitan Reef?			N		
If yes, does production casing cement tie back a m	nimum of 50' above the Res	of)	IN		
	illinain of 50° above the Rec	01:	N		
Is well within the designated 4 string boundary.			N		
Is well located in SOPA but not in R-111-P?			N		
If yes, are the first 2 strings cemented to surface an	d 3rd string coment tied back	7 500' into previous essing?			
if yes, are the first 2 strings contented to surface and	1.5 String coment tied back	2 500 line previous easing:			
Is well located in R-111-P and SOPA?					
If yes, are the first three strings cemented to surface?					
Is 2 nd string set 100' to 600' below the base of salt?					
Is an open annulus used to satisfy R-111-Q? If yes, see cement design.					
Is an engineered weak point used to satisfy R-111-Q?					
If yes, at what depth is the weak point planned?			-		
Is well located in high Cave/Karst?			Y		
If yes, are there two strings cemented to surface?			Y		
(For 2 string wells) If yes, is there a contingency ca	sing if lost circulation occurs	s?			
Is well located in critical Cave/Karst?			N		
If yes, are there three strings cemented to surface?					
Formation	Est. Top	Formation	Est. Top		
Rustler	905'	Delaware (Lamar)	4230'		
Salt Top	1242'	Bell Canyon	4255		
Salt Base	4005'	Cherry Canyon	5300'		
Yates		Manzanita Marker	5430'		
Seven Rivers		Basal Brushy Canyon	7923'		
Queen		Bone Spring	8273'		
Capitan		1st Bone Spring Sand	9228'		
Grayburg		2nd Bone Spring Sand	9833'		
San Andres		3rd Bone Spring Sand			
Glorieta		Abo			
Yeso		Wolfcamp			

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME: | Mewbourne Oil Company

LEASE NO.: | NMNM017232

WELL NAME & NO.: | ARMSTRONG 35-23 FED COM 574H

SURFACE HOLE FOOTAGE: 230'/S & 1750'/W **BOTTOM HOLE FOOTAGE** 1416'/N & 2200'/E

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 980 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 **4,155** 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 -11%, additional cement might be required.
- 4. The minimum required fill of cement behind the 5-1/2 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

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

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

BURE	AU OF LAND MANAGEMEN	T	5. Lease Seria	II NO.	
Do not use this fo	OTICES AND REPORTS ON orm for proposals to drill or lse Form 3160-3 (APD) for s	to re-enter ar	1	allottee or Tribe Name	•
SUBMIT IN T	RIPLICATE - Other instructions on pa	age 2	7. If Unit of C	CA/Agreement, Name	and/or No.
1. Type of Well	·		0. W. H.M.	127	
Oil Well Gas W	ell Other		8. Well Name		
2. Name of Operator			9. API Well N	lo.	
3a. Address	3b. Phone N	o. (include area cod	de) 10. Field and	Pool or Exploratory A	Area
4. Location of Well (Footage, Sec., T.,R.	,M., or Survey Description)		11. Country o	r Parish, State	
12. CHEC	CK THE APPROPRIATE BOX(ES) TO I	NDICATE NATUR	E OF NOTICE, REPORT	OR OTHER DATA	
TYPE OF SUBMISSION		TY	YPE OF ACTION		
Notice of Intent		epen draulic Fracturing	Production (Start/R Reclamation		er Shut-Off Integrity
Subsequent Report		ew Construction ag and Abandon	Recomplete Temporarily Aband	Othe	r
Final Abandonment Notice	Convert to Injection Plu	ıg Back	Water Disposal		
is ready for final inspection.)	ces must be filed only after all requirement	ms, including recia	mation, have been complete	ted and the operator in	ias determined that the site
14. I hereby certify that the foregoing is t	rue and correct. Name (Printed/Typed)	Title			
Signature		Date			
	THE SPACE FOR FE	DERAL OR S	TATE OFICE USE		
Approved by		Title		Date	
Conditions of approval, if any, are attach certify that the applicant holds legal or exwhich would entitle the applicant to conditions.	quitable title to those rights in the subject	ant or		2 400	
Title 18 U.S.C Section 1001 and Title 43	U.S.C Section 1212, make it a crime for	any person knowin	gly and willfully to make t	to any department or a	agency of the United States

any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(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 / 1750 FWL / TWSP: 25S / RANGE: 31E / SECTION: 35 / LAT: 32.0801103 / LONG: -103.7517859 (TVD: 0 feet, MD: 0 feet) PPP: SENW / 2361 FNL / 2200 FWL / TWSP: 25S / RANGE: 31E / SECTION: 23 / LAT: 32.1158121 / LONG: -103.7502412 (TVD: 10819 feet, MD: 23761 feet) PPP: SENW / 2642 FSL / 2200 FWL / TWSP: 25S / RANGE: 31E / SECTION: 26 / LAT: 32.1012706 / LONG: -103.7502792 (TVD: 10802 feet, MD: 18471 feet) PPP: NESW / 1320 FSL / 2200 FWL / TWSP: 25S / RANGE: 31E / SECTION: 26 / LAT: 32.0976366 / LONG: -103.7502887 (TVD: 10797 feet, MD: 17149 feet) PPP: SESW / 0 FSL / 2200 FWL / TWSP: 25S / RANGE: 31E / SECTION: 26 / LAT: 32.0940081 / LONG: -103.7502981 (TVD: 10793 feet, MD: 15829 feet) PPP: SESW / 100 FSL / 2200 FWL / TWSP: 25S / RANGE: 31E / SECTION: 35 / LAT: 32.0797414 / LONG: -103.7503353 (TVD: 10506 feet, MD: 10544 feet) BHL: SENW / 1416 FNL / 2200 FWL / TWSP: 25S / RANGE: 31E / SECTION: 23 / LAT: 32.1191679 / LONG: -103.7502313 (TVD: 10823 feet, MD: 24980 feet)

District I
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Phone: (575) 393-6161 Fax: (575) 393-0720

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District III 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 214549

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	214549
	Action Type:
	[C-103] NOI Change of Plans (C-103A)

CONDITIONS

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