

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

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



Form C-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Devon Energy Production L. P. 20 North Broadway Oklahoma City, OK 73102		MAY - 6 2008		² OGRID Number 6137	
³ Property Code		⁴ Property Name OCD ARTESIA Craft		⁵ API Number 30 - 015-24129	
⁹ Proposed Pool 1		¹⁰ Proposed Pool 2 Malaga; Atoka			

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
E	13	24S	28E		1980	NORTH	660	WEST	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 PA	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 2972 GL
¹⁶ Multiple NO	¹⁷ Proposed Depth 12,983'	¹⁸ Formation Atoka	¹⁹ Contractor	²⁰ Spud Date 4/30/1982
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic ☐ mils thick Clay ☐ Pit Volume: bbls Drilling Method: Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	94.0#	352'	800 sx C	Surface
17 1/2"	13 3/8"	61.0 & 54.5#	2654'	2200 sx	Surface
12 1/4"	9 5/8"	47.0 & 43.5#	9900'	2400 sx	3675' (TS)
	7 5/8"	39.0#	9500-12099'	750 sx	9400' tagged
	5"	18.0#	11913-12981'	255 sx	11862' tagged

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. Devon Energy requests to Add Pay & RTP in the Atoka.

1. MIUL 11700' 2-3/8" / 4.7 ppf/N-80/ EUE production tbq & 11,700' 2-7/8" / 6.5#/N-80 WS.
2. MIRU WSU. NU BOP. Test per company guidelines.
3. PU & RIH w/ on/off shuck on WS to pkr. Circ hole full of 2% KCl. Latch onto on/off tool.
4. RU slickline & retrieve blanking plug in pkr BHA.
5. Ensure well is dead, then rig down slick line unit.
6. Unset pkr. POH w/ WS & pkr assy.
7. RIH w/ CIBP. DO assy on 2-7/8" WS to drill out cmnt & CIBP @ 11,731'. Pull CIBP remains or push it to bottom. POH w/ tbq & BHA.
8. MIRU WLSU. NU WL BOPE. Test per company guidelines.
9. RIH w/ 4" csg gun Perf L. Atoka carbonate @ 2 SPF 120° phased. Correlate CRC GR-CCL dated 8/12/1982 (strip attached) 11928-40':24 shots; 11974-80' @ 2 SPF:12 shots. RD WLSU.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Judy A. Barnett

Title: Regulatory Analyst

E-mail Address: Judith..Barnett@dmn.com

Date: 05/06/08

Phone: 405-228-8699

OIL CONSERVATION DIVISION

Approved by:

Title:

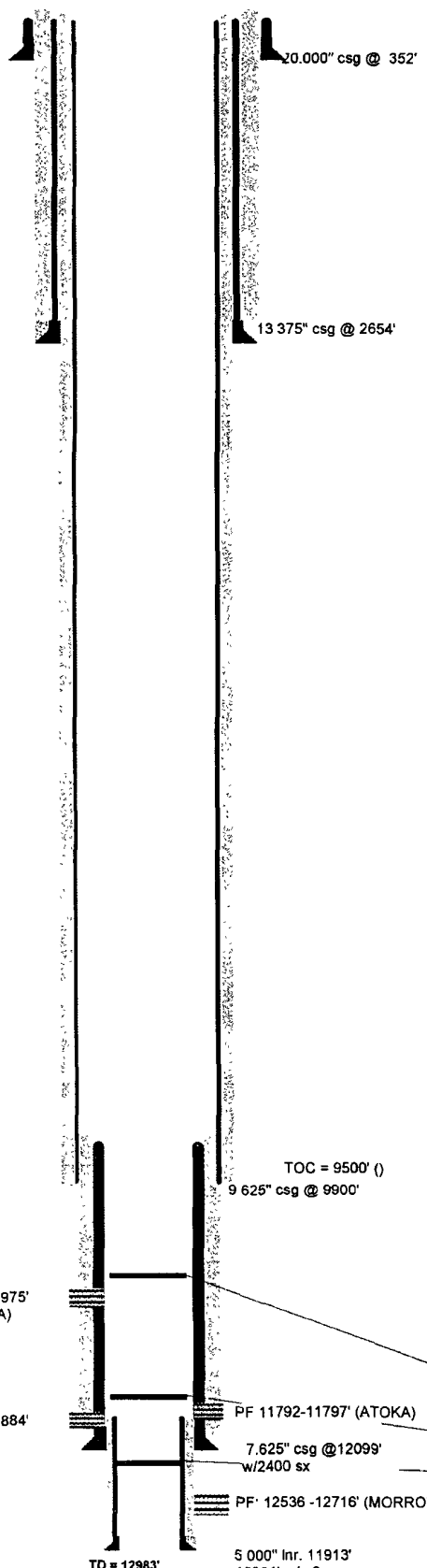
Approval Date: 5/12/08

Expiration Date: 5/12/10

Conditions of Approval Attached ☐

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10. RIH w/ treating pkr on tbg & set above new perfs @ ~ 11,900'. Hydro-test tbg to 8000 psi.
11. Acidize new perfs w/ 2000 gals 15% HCl & 50 BS.
12. Unset treating pkr & run through perfs to knock of any BS. Ensure well is dead. POJ w/ WS & treating pkr.
13. RIH w/ tail pipe pump-out plug w/ profile nipple, WL re-entry guide, 10k psi rated retrievable production pkr & on/off tool w/ compatible proile. Set production pkr above top of previously existing Atoka perfs @ ~ 11,700'. EOT should be above top of previous Atoka perfs: 11,792'.
14. Unlatch on/off tool & circ pkr fluid.
15. Latch up to pkr & NU tree.
16. RD WSU. RU swab unit. Pump out plug & swab well to tank until load is recovered.
17. TOP. Test.



DEVON ENERGY CORP. CRA-T #1 (GAS)
 PIERCE CROSSING NORTHWEST Field, EDDY Co., NM Area: POTATO BASIN AF
 1980' FNL, 660' FWL, Sec 13, 24S 28E. Elev: 2994.0' (0.0' AKB)

Last updated by:
 Jim Cromer 01/23/2007

Surface Casing Record
 20.000\"/>

Intermediate Casing Record
 13 375\"/>

2nd Intermediate Csg Record
 9.625\"/>

Production Casing Record
 7 63\"/>

Production Liner Record
 5.00\"/>

OUT

MAY - 6 2008
 OCD-ARTESIA

Well History (spudded 04/30/1982):

9/24/1982 - DC. Set 9.625\"/>

2/18/97 - Perf MORROW 12536 - 12716', swab test (unsuccessful).

05/05/1997: complete WOLFCAMP 10828'- 12716'. ACID 10828'- 10975' w/ 2200 GAL A (IP 0 BO, 238 MCF, 0 BW).

11/05 - TA'd w/ plug in packer @ 10695' Conduct MIT OK, left well TA'd.

TUBING DETAIL						
Descrip.	Jts	O.D.	Wt	Gr	Conn	Depth Int'vl
TUBING	0	2.875	0.0	/	/	0- 0
TUBING	0	2.875	0.0	/	/	0- 0

Plugs:

PKR @10695'
 CIBP @11721'
 CIBP @12265'

Perf Detail		
Interval	spf	Date
10828-10834'	0	/ /
10970-10975'	0	/ /
11792-11797'	0	/ /
11868-11884'	0	/ /
12536-12716'	0	/ /

Comments.

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MAY - 5 2008
OCCARTESIA

CRC 212-006

WIRELINE
SERVICES

GAMMA RAY

FILING NO. 88272 H		COMPANY <u>COQUINA OIL CORP.</u>	
		WELL <u>Craft #1</u>	
		FIELD <u>Maliga</u>	
		COUNTY <u>Eddy</u> STATE <u>New Mexico</u>	
JOB NO. 63794		LOCATION SEC <u>13</u> TWP <u>24-S</u> RGE <u>28-E</u>	OTHER SERVICES
PERMANENT DATUM: <u>Ground Level</u> ELEV <u>2972</u>			
LOG MEASURED FROM <u>K.B.</u> <u>22.5</u> FT ABOVE PERM. DATUM			
DRILLING MEASURED FROM <u>Kelly Bushing</u>			
DATE	8-12-82		
RUN NO.	One		
TYPE LOG	Gamma Ray		
DEPTH-DRILLER	12,915		
DEPTH-LOGGER	12,883		
BOTTOM LOGGED INTERVAL	12,882		
TOP LOGGED INTERVAL	10,700		
TYPE FLUID IN HOLE	10# Brine, 3% KCL		
SALINITY, PPM CL			
DENSITY			
LEVEL	Full		
MAX. REC TEMP., DEG F			
OPERATING RIG TIME	3 Hours		
RECORDED BY	Kemp		
WITNESSED BY	Mr. Castleman		

BORE-HOLE RECORD				TUBING AND CASING RECORD			
RUN NO.	BIT	FROM	TO	SIZE	WT	FROM	TO
	17 1/2	Surf.	2600	13 3/8		Surf.	2600
	12 1/2	2600	9500	9 5/8	47	Surf.	9500
	8 1/2	9500	11,913	7 5/8	39	9500	11,913
	6 1/2	11,913	12,981	5		11,913	12,981

THIS HEADING AND LOG CONFORMS TO API RP 23

EQUIPMENT DATA

GAMMA RAY		GENERAL	
RUN NO.	One	TRUCK NO.	6408
TOOL MODEL NO.	071		
DIAMETER	3 1/8	TOOL SERIAL NO.	051341
DETECTOR MODEL NO.	1.375 x 4		
TYPE	Scint		
LENGTH	4"		
GAMMA RAY		REMARKS	
RUN NO.		API G.R. UNITS	log deep to 0.H. log at I.D.
DEPTH		PER LOG DIV.	on depth over zone of interest
FROM	10,700	LOG DIV.	11,800-11,900
TO	12,882		Collar line not too clean.
			Logged 5" F/J liner & 7 5/8 F/J liner.

Gamma Ray API Units

Depth

Gamma Ray API Units

