DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
10/16/06		JOWES	10/16/06	DHC	PDRC0628948321

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505

2006 OCT 16 AM 11 24

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☑ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☑ Notification and/or Concurrent Approval by BLM ~~or SLO~~
U.S. Bureau of Land Management - ~~Commissioner of Public Lands, State Land Office~~

[E] ☑ For all of the above, Proof of Notification ~~or Publication~~ is Attached, and/or,

[F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

~~Note: Statement must be completed by an individual with managerial and/or supervisory capacity.~~

David Stewart		Sr. Regulatory Analyst	10/13/06
Print or Type Name	Signature	Title	Date

david_stewart@oxy.com
e-mail Address

District I
1625 N. French Drive, 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 Department

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

Form C-107A
Revised June 10, 2003

APPLICATION TYPE
X Single Well
___Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes ___No

APPLICATION FOR DOWNHOLE COMMINGLING DHC-3814

OXY USA WTP Limited Partnership — P.O. Box 50250 Midland, TX 79710
Operator — Address

OXY Lucky Dog Federal Com 2 — I - 33 - 16S - 27E — Eddy
Lease — Well No. — Unit Letter-Section-Township-Range — County

OGRID No. 192463 Property Code 34718 API No. 30-015-34024 Lease Type: X Federal ___State ___Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Wildcat;Upper Penn (Gas)		Crow Flats;Strawn,West (Gas)
Pool Code	~~96072~~		97476
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	7873-7882'		8172-8180'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	N/A		N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)	N/A		N/A
Producing, Shut-In or New Zone	Shut-In		Shut-In
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 11/15/05 Rates: 0-Oil 82MCFD 0-Wtr	Date: Rates:	Date: 10-26-05 Rates: 0-Oil 192MCFD 0-Wtr
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 30 % Gas 30 %	Oil % Gas %	Oil 70 % Gas 70 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ___ No ___

Are all produced fluids from all commingled zones compatible with each other? Yes X No ___

Will commingling decrease the value of production? Yes ___ No X

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes X No ___

NMOCD Reference Case No. applicable to this well: ___

Attachments:
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

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

SIGNATURE [signature] TITLE Sr. Regulatory Analyst DATE 10/13/06

TYPE OR PRINT NAME David Stewart TELEPHONE NO. (432) 685-5717

E-MAIL ADDRESS david_stewart@oxy.com

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
30-015-34024	97476	Crow Flats Strawn, West

Property Code	Property Name	Well Number
34718	OXY LUCKY DOG FEDERAL COM	2

OGRID No.	Operator Name	Elevation
192463	OXY U.S.A. W.T.P., LP	3395'

Surface Location

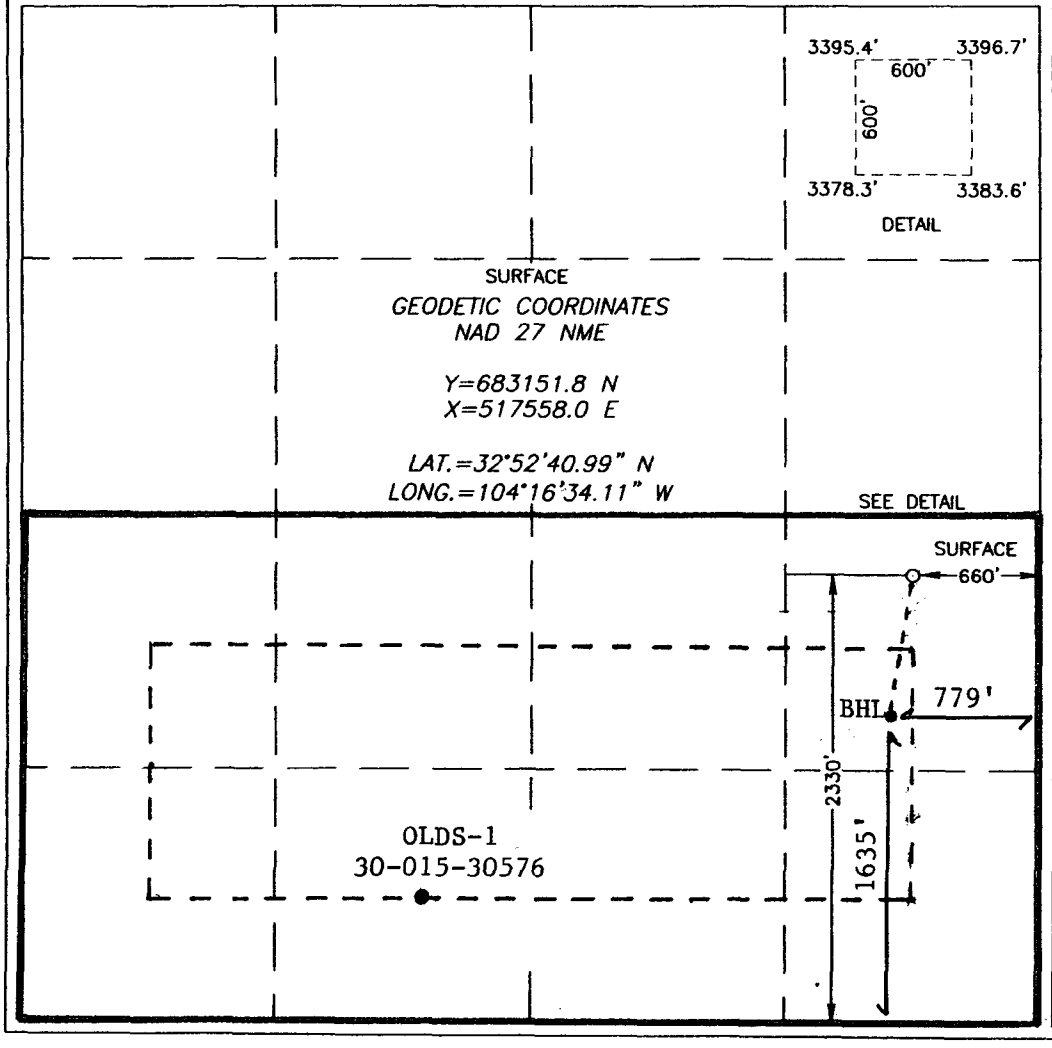
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	33	16-S	27-E		2330	SOUTH	660	EAST	EDDY

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
I	33	16-S	27-E		1635	south	779	east	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320	N		

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



OPERATOR CERTIFICATION

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

Signature

David Stewart
Printed Name

Sr. Regulatory Analyst
Title

10/13/06
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

DECEMBER 17, 2004
Date Surveyed DEL

Signature & Seal of Professional Surveyor

12/23/04

04.11.1488

Certificate No. GARY EIDSON 12641

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☑ AMENDED REPORT

API Number	Pool Code	Pool Name
30-015-34024		Wildcat, Upper Penn

Property Code	Property Name	Well Number
34718	OXY LUCKY DOG FEDERAL COM	2

OGRID No.	Operator Name	Elevation
192463	OXY U.S.A. W.T.P., LP	3395'

Surface Location

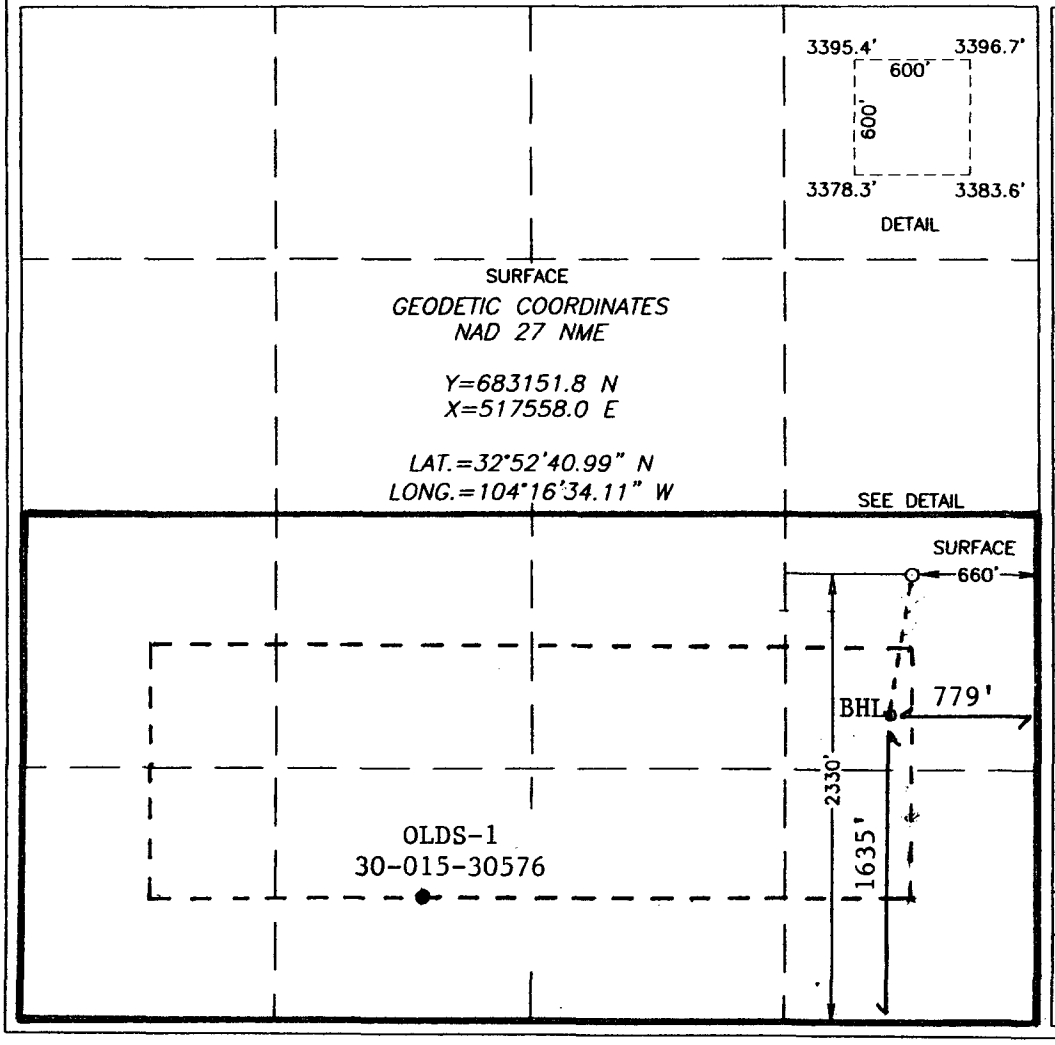
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	33	16-S	27-E		2330	SOUTH	660	EAST	EDDY

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
I	33	16-S	27-E		1635	south	779	east	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320	N		

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



OPERATOR CERTIFICATION

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

Signature

David Stewart
Printed Name

Sr. Regulatory Analyst
Title

10/13/06
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

DECEMBER 17, 2004
Date Surveyed DEL

Signature & Seal of Professional Surveyor

12/23/04

04.11.1488

Certificate No. GARY EIDSON 12641

OXY LUCKY DOG FEDERAL #2

10/05/2005 CMIC: Nichols
MIRU both Pulling Unit and reverse unit. Unload, rack, and tally 301 jts 2 3/8 L-80 4.7# EUE tubing. Trucker tally 9402.88. NU BOP. RIH w/ 4 3/4 bit,x-over, 4-3 1/2 DC's on 97 jts tbg to 3135. SION

10/06/2005 CMIC: Nichols
Finish RIH to 9234(PBTD). Circ hole with 6% KCL wtr. POOH w bit, collars,and tbg. SION. Will run Cement Bond Logs this AM.

10/07/2005 CMIC: Nichols
RU Halliburton wireline truck. RIH w/ gague ring on junk basket to PBTD. Ran CBL from 9227 to TOC @ 4480. Relog same interval under 1000# pressure. Bond indicated good to fair through entire interval. SION Will perf today.

10/08/2005 CMIC: Nichols
RU Halliburton full lubricator. Perforate Morrow 2 S/F w/premium charges as follows: 8855-8864, 8885-8890, 8908-8912. Total 42 holes. Depth Reference log Baker Atlas Compensated Neutron Log dated August 15, 2005. RIH and set on wireline as follows:

1 2/38 WLEG	0.41	set @ 8782.64
1- 1.81 "F" nipple	0.98	set @ 8782.23
1-2 3/8 L-80 tbg sub	3.80	set @ 8781.25
1-Baker Model "EL" Hornet pkr	7.45	set @ 8777.45 (bottom)
		set @ 8770.00 (top)

RIH on tbg as follows:

1-L-10 on/off tool w/1.87 "F" profile1	0.85
1-2 3/8 boxX2 7/8 pin X-over	0.65
281-jts 2 3/8 L-80 4.6# 8rd tbg-	8716.33
2-2 3/8 tbg subs	4.15
1 jts 2 3/8 L-80 4.6# 8rd tbg	31.02
Sub Total	8754.00
KB	16.00
Total	8770.00

Spaced out. Circ hole w 190 bbls Baker pkr. fluid. NDBOP NUWH Set 12 points compression on Pkr. Tested pkr to 1000#. held OK SI

10/09/2005 CMIC: Nichols
RU swab. Lowered fluid level in tbg. to 5500'. Slick line truck to pull blk. plug cancelled out. Will pull Monday 10th. SION

10/11/2005 CMIC: Nichols
RU Pro Wireline Truck. Pulled blk plug from pkr @ 8770. RU Swab. IFL @ 5500'. Swab well dry in 4 runs. SD for 1 hr. No fluid entry. SD for another hr. w/ no fluid entry. No show of gas. SION. Will acidize today.

10/12/2005 CMIC: Nichols
SI press. 50# Bled press off. RU Stinger wellhead protector. RU Halliburton and FLO CO2. Acidized Morrow perf (8855-8912) w/ 4000 gals 7 1/2 % HCL and 50Q CO2. Used 6 BIOBALLS w/no action. Load and press backside to 1000#. Max Press = 6916. Min press = 3756. Well did not "break" started feeding at 6801# Only dropped 6 ball sealers due to press being near maxium. Avg Treating rate Min = 4.2 BPM. Max 4.6 BPM. Used total 13 tons of CO2 (11 tons downhole and 2 tons cooldown) ISIP = 3706. 5 min SIP 3610. 10 min SIP = 3568. 15 min SIP = 3538. Total load to rec'd 80 bbls. RD Halliburton and Stinger. Open well to pit @ noon. Rec'd 17 bbls load. Lack 63 bbls of load. Well died at 1700 hrs. SI for one hour. Press built to 50# Open to pit and press bled off. SION. Will flow/swab today.

10/13/2005 CMIC: Nichols
SITP = 550#. Bled press. RU swab. IFL @6135. Swab well dry in 3 runs to SN. Rec'd 9 bbls. SI for one hour. Press built to 50#. Bled off and RIH w swab to SN. No fluid in hole. Repeated each hour for 7 hrs. with same results. No more fluid recovered. Total load to recover = 54 bbls. SION

10/14/2005 CMIC: Nichols
SITP = 500#. Bled pressure off in 20 min. No fluid rec'd. RU swab. IFL @8270'. Swab well dry in one run. Made swab run each hour, no fluid in hole. Flare would burn a 2' to 3' flare between swab runs. Rec'd 2 bbls during day and all on first swab run. Total of 52 bbls of load to recovery. SION

10/15/2005 CMIC: Nichols
SITP = 200#. Bled press. Load Tbg w/33 bbls 6% KCL wtr. ND Tree. NU BOP. Released pkr. Lay down 22 jts 2 3/8 tbg. POOH. RU Halliburton Wireline Truck. Set 5 1/2 Owens CIBP on WL @ 8800'. Dumped 3 sxs Class "H" cement on top of plug. PBTD now 8765. SI till Monday

10/18/2005 CMIC: Nichols
RU Halliburton full lubricator. Perforate Strawn 2 S/F w/ Millenniun HMX Super DR charged,(Pen = 50.93", w/0.4 EH)@ 8172 to 8180. Total 18 holes. Depth Reference log Baker Atlas Compensated Z-Densilog Compensated Neutron Log dated August 15, 2005. RIH and set on wire line:

1 2 3/8 WLEG	0.41	set @ 8093.87
1- 1.81 "F"nipple	0.98	set @ 8093.46
1 2 3/8 L-80 tbg sub	3.85	set @ 8092.48
1 2 7/8 box X 2 3/8 pin X-over	0.68	set @ 8088.63
1 Baker Model "EL" Hornet pkr	7.95	bottom set @ 8087.95
		top set @ 8080.00

RIH on tbg as follows:

1- L-10 on/off w/1.875 "F" profile	1.50	set @ 8078.50 [plug in place]
1- 2 3/8 box X 2 7/8 pin X-over	.65	
259 jts 2 3/8 L-80 4.6# 8rd tbg	8027.06	
1- 2 3/8 L-80 4.6# 8rds tbg sub	3.75	
1-jt 2 3/8 L-80 4.6# 8rd tbg	31.04	
Sub total	8064.00	
KB	16.00	
TOTAL	8080.00	

Spaced out. Latch onto pkr w/ 15 points compression. Tested pkr to 1000#--OK. RU swab and lowered FL to 6000'. Will pull plug today.

10/19/2005 CMIC: Nichols
RU Pro Wire Line. Pulled blk plug from pkr at 8080. RU swab. IFL @ 5600 Swab well dry in 2 runs. Rec'd 11 bbls wtr. Made one swab run an hour for 4 hrs. No fluid entry. SION

10/20/2005 CMIC: Nichols
SITP = 200# Bled off in 20 mins. RIH w/swab. IFL at 7100'. Rec'd 3 bbls wtr. RU Stinger wellhead protector and Halliburton. Load backside to 1000# OK. Acidized Strawn perf.(8172-8180) w/ 2000 gals 7 1/2% HCL acid. Used 50 7/8 ball sealers with good action (balled

out) Fludhed w/35 bbls 6% KCL wtr. Max press= 6971#. Min press= 4048#, Avg press= 5322#, Avg Rate= 4.4 B/M. ISIP= 2654#, 5 min SIP= 2096#, 10 min SIP=2096#, 15 min SIP= 1535#. Formation broke @ 4048#. Total Load to recovery = 83 bbls. RD Halliburton and Stinger. Open well to pit w/ 1000# press. Bled off in 25 mins. ND tree, NU BOP & Frac valve. Picked up 4 jts and ran in hole to wipe frac ball off of perfs. Laid down 4 jts. POOH. SION.

10/21/2005 CMIC: Nichols

RU Stinger well head protector. RU Halliburton. Installed pop-off on backside and set @ 1000#. Load backside to 500#.Frac Stran perf(8172-8180) w/ CO2 Foam consisting of 40# Water Frac CMHPG and 70% CO2 carrying 50,000# of Versaprop down 5 1/2 casing at 25 B/M.

Stage 1:Pump 23,000 gal pad, Stage 2: 3500 gal w/0.5 #/gal sand @ 5259#
Stage 3: 4000 gal w/ 1.0 #/gal sand @ 5316# Stage 4: 4500 gal w/1.5 #/gal sand @ 5269#
Stage 5: 5000 gal w/ 2#/gal sand @ 5334# Stage 6: 5000 gal w/ 2.50#/gal sand @ 5438#
Stage 7: 5000 gal w/ 3#/gal sand @ 5471# Stage 8: 8350 gal flush 5536#
ISIP = 5443#, 5 min SIP= 5012#, 10 min SIP= 4853#. 15 nmin SIP= 4918#.

Total load pumped 18235 gals (434 bbls). Total proppant pumped 507 sxs. Total CO2 pumped 156 tons downhole+6 tons for cool down. Max press= 6226#. Avg press= 5247#. Max rate= 27 B/M. Avg rate= 25.5 B/M. RD Halliburton and Stringer. Open well to pit at 1245 hrs on 16/64 choke w/ 5500# press. Backflowed well for 14 1/4 hrs. Well died at 0300hrs 10/21/05. Rec'd 128 bbls load. 347 bbls to rec'd. SI BUP

10/22/2005 CMIC: Nichols

Open well to pit @ 0700. Flowed for 5 hrs on 2"choke w/ 8# to 10# press. Burnning steady 6' to 7' flare. No fluid recovered. Ru Halliburton WL and RIH w/ Gague Ring to 8300" No show of sand. SION.

10/23/2005 CMIC: Nichols

SIP=750#. Bled off press. RU Halliburton full lubricator. RIH and set Baker inverted on/off tool,Retrive-D pkr w/ 1.81 profile nipple w/plug in place. Set @ 8080'.RD Halliburton wire line truck. RIH w/ Baker anchor seal assy. on 260 jts 2 3/8 tbg. spaced out and latched on to pkr w/15 points compression. ND BOP NU Tree. RU Pro slick line truck. RIH to pull equil.prong. Could not latche onto it. RIH w/bailer. No junk or sand rec'd. Reran pulling tool. Could not latch onto plug. RIH w/impression blk. Block indicated that plug was ran upside down (no way to fish). RD Pro. SION. Will POOH w/tbg and pkr today.

10/24/2005 CMIC: Nichols

ND tree. NU BOP Released from pkr and POOH w/on/off tool and seal assy. RIH w Baker stinger. Latched on to pkr. Could not release. Worked for one hour without any sucess. Sheared pens in retrieving tool. POOH. Repin tool and ran back in hole. Latched onto pkr Press csg to 1500#. Worked for 3/4 hrs w/ no sucess. Released press. Released from pkr pulled one stand SION

10/25/2005 CMIC: Nichols

POOH w/ Baker retrieving tool & tbg. Replaced retrieving tool and RIH on 2 3/8 tbg. Latched onto pkr. Worked for 1 3/4 hrs. Pkr finally came loose. POOH. Recovered packer and blanking plug.(plug was upside down). SION

10/26/2005 CMIC: Nichols

SI Press=20#. Bled off. RU Halliburton wireline truck. RIH w/junk basket & 4.70 gague ring. POOH. RIH and set on wireline as follows:

1-2 3/8 WLEG	0.40	set @ 8113.98
1-1.81 "F" nipple [plug in place]	0.98	set @ 8113.58
1-2 3/8 n-80 tbg sub	6.15	set @ 8112.26
1-2 7/8box 2 3/8 pin x-over	0.60	set @ 8106.45
1- Baker Model45 Retrieva-D pkr	5.85	bottom set @ 8105.85
		top set @ 8100.00

RIH on tbg as follows:

1-Baker Anchor Seal Assy	0.85	2.72
1- 2 3/8 tbg sub		1.55
1- Baker L-10 on/off tool upside down		1.64
___ - jts 2 3/8 L-80 8rd 4.6# tbg		8027.02
3- 2 3/8 L-80 8rd 4.7# tbg subs (7.96,4.1,9.85)		21.90
1 jt 2 3/8 L-80 8rd 4.7# tbg		31.04
SUB TOTAL		8084.00
KB		16.00
TOTAL		8100.00

Set 15 pts comp. on pkr. ND BOP, NU Tree. SION

10/27/2005 CMIC: Nichols

RU Pro wire line truck. RIH and latched onto eq. pin. Jarred pin out of plug. Fluid level at 5500'. POOH. RIH and latched onto plug. Jarrred loose and POOH. Fluid level at 1000'. RD wire line truck. Turn well to pit @ 1445 hrs on 20/64 choke with 1000# tbg press. In 15 hrs well flowed 20 bbls wtr on 20/64 choke. Tbg pressure varied from 60# to 100#. Gas rate 192,000 cfd. Gas still has over 20% CO 2. Con't testing.

10/28/2005 CMIC: Nichols

SI well @ 0900 hrs to build pressure. RU Pro Wireline truck. RIH & set 1.81 blanking plug in profile nipple at 8114. (press had built to 500#).Bled press. Plug held OK. RD Pro. ND tree NU BOP. Released from on/off tool and POOH. SION

10/29/2005 CMIC: Nichols

RU Halliburton wire line truck. Perf Penn formation @ 7873-7882 (2s/f) w/ premium charges. Total 20 holes. RIH and set on wireline as follows:

1-Baker Moded 'EL' Hornet pkr w//wieg	7.87	Set @ 7800'

RIH on tbg as follows:

1-L-10 on/off tool w/ 1.87 "F" nipple in place	1.50
1 2 3/8 box X 2 7/8 pin X-OVER	0.68
250 jts 2 3/8 L-80 4.6# 8rd tbg	7746.40
1-2 3/8 tbg sub	4.10
1-jt 2 3/8 L-80 4.6# 8rd tbg	31.53
Sub Total	7784.00
KB	16.00
TOTAL	7800.00

Spaced out, set 15 pts comp on pkr. ND BOP NU WH. Tested pkr to 1000#-OK. RU swab and lowered FL to 4000'. RU Pro slick line truck and pulled plug from pkr.. SI till Monday.

11/01/2005 CMIC: Nichols

SI press 0. RU Stinger wellhead isolation tool and Halliburton. Load and press backside to 1000#-OK. Acidized Penn perf (7873-7882) w/ 2000 gal 7 1/2% HCL acid. Max press- 5607, Avg press- 3982, Avg rate-3.6 b/m. Used 30 ball sealers with poor results (did not ball out). ISIP- 4001, 5 min sip-3549, 10 min SIP- 3359, 15 min SIP- 3230. Total load to recovery = 83bbls. RD Stringer and Halliburton. Bled well down. ND tree, NU frac valve and BOP. Picked up 4 jts 2 3/8 tbg and ran to knock ball off of perf. POOH layed down 4 jts. POOH. SION

11/02/2005 CMIC: Nichols

RU Stinger WH Protector and Halliburton to frac the Penn interval with CO2 Foam consisting of 40# Water Frad CMHPG and 70% CO2 carrying 50,000# of Versaprop. Treated down 5 1/2" csg. Max press-6433#, Avg press-5840#, Max rate- 26.5 bpm, Avg rate-26.1 bpm, ISIP-5578#, 5 min SIP-4976#, 10 min SIP-4811#, 15 min SIP-4556#. Used total down hole of 160 tons CO2 w/ 8 tons for cool down. Total load to rec'd 414 bbls. RD Stinger and Halliburton. Open well to pit at 1430 hrs w/4350#. Backflowed well for 15 hrs. At 0500 hrs well flowing on 3/4 choke, 50# pressure,with 50% CO2 in returns. Flare will not burn constant. Est gas rate of 500,00 cfd. Recovered 275 bbls. Lack 139 bbls of load . Con't backflowing well.

11/03/2005 CMIC: Nichols

SI press-150#. Flow well to pit. Well died in 30 mins. SI for 2 hrs and press would build to 150# and bleed off in 20 mins. Repeated progress all day with out change. SION

11/04/2005 CMIC: Nichols

RU Halliburton wireline truck. RIH w/gauge ring on junk basket to 7825 (48¿ above top perf). RIH and set on wire line. Baker Hornet packer w/1.87 ¿F¿plug in place & WLEG on bottom 8.37 set @ 7796.00¿.

RIH on tbg as follows:

1- L-10 on/off tool	1.50
1-2 3/8 box X 2 7/8 pin X-OVER	0.65
250 jts 2 3/8 L-80 4.6# 8rd tbg	7744.28
1- 2 3/8 tbg sub	2.50
1-jts 2 3/8 L-80 4.6# 8rd tbg	31.07
Sub Total	7780.00
KB	16.00
TOTAL	7796.00

Spaced out and latch on to pkr and set 17 pts comp on pkr. ND BOP & Frac Valve. NU Tree. Load and test pkr to 1000#--Held OK. RU swab and lowered FL to 2000¿ SION

11/05/2005 CMIC: Nichols

SITP= 300#. RU Pro slick line truck. RIH latch onto eq. prong and pulled out of hole. RIH w retreiving tool. Could not latch onto plug because of sand. Tools almost got stuck. Worked free and POOH. Tool had large amount of sand on it. RD Pro. RD pulling unit and reverse unit and moved both to Tracy C #2.

11/06/2005 CMIC: Nichols

Waiting on coil tbg unit

11/07/2005 CMIC: Nichols

Wait on coil tbg unit. Halliburton people are out of DOT hrs. Will rig up tomorrow.

11/08/2005 CMIC: Nichols

RU coil tbg unit.

11/09/2005 CMIC: Nichols

Waited on third party crain until 1400 hrs. RU Halliburton Coil tubing unit, fill coil, pressure test tbg, and make up tools. SD till morning.

11/10/2005 CMIC: Nichols

RIH w/ Halliburton coil tubing and overshot. Tag sand at 7790. Wash down to 8089 (did not feel top plug).CHC and POOH. Rec'd top plug (1.87). RIH w/ 1 3/8" catch tool to retreave equ. prong in bottom plug. Circ sand off of plug (8114). Could not latch onto prong. POOH. Marks on tools showed that tool was trying to go beside prong. Will run slick line to catch prong. SION

11/11/2005 CMIC: Nichols

RU E.M.Hobbs slick line. RIH and tagged at 7976. POH RIH w/ bailer tagged at 7976 (180' below top pkr & 124' above bottom pkr) Worked bailer, POOH Had bailer full of frac sand. RD slick line. RU coil tbg and RIH with retreiving tool, knuckle jt. Tagged at 7976 and washed down to 8090. Worked for 2 1/2 hrs trying to get into pkr without success. CHC POOH RD coil tbg unit.

11/12/2005 CMIC: Nichols

SITP1600# open well to pit @ 0800hrs. Flowed for 7 1/2 hrs. Last 4 hrs FTP 150# on 32/64 choke w/ trace water and gas rate of 939 MCF/D. SI till Monday. Will hook up portable test separtor

11/13/2005 CMIC: Nichols

SI will hook up portable test seperator Monday

11/14/2005 CMIC: Nichols

Will start testing

11/15/2005 CMIC: Nichols

SITP 1600# Hooked up portable test separtor and started testing. Test to follow.

11/16/2005 CMIC: Nichols

Well died after being on test 2 1/2 hrs. Will move in swab unit.

11/17/2005 CMIC: Nichols

SITP 10#, SICP 1100#. RU swab unit. IFL @ 1100',FFL @ 7700'. Rec'd 43 bbls fluid. Bled csg down to 400#, started making fluid. SI. Will check this AM. Turned well back through test separtor.

11/18/2005 CMIC: Nichols

Well dead. RU swab. No fluid in hole. Csg press. 550#. Bled csg to pit in 10 mins. Press went to 0. RD swab unit. Si well Released all rental equipment.

11/19/2005 CMIC: davis

drove to loc, tp 10#, cp 550#, well open thru test separator, diff 0, static 8, well on 20/64 choke, opened up straight to pit, bled down to a very faint blow, scattered, made no fl on blow down, ru swab, no fl level standing in tbg, made 1 run (7600') swab to pit, rec 0 fl, well keeping consant l?b #, ru iron on csg, opened up to pit thru manfold, fled down to a L/B # in 15 min, made approx 3 bbls water on blow down, left well di, rd, cleaned wellhead & loc, drove rig to next loc

12/06/2005 CMIC: Nichols

SITP=2000. SICP 250. Bled tbg press to 0 in 1 1/2 hrs. Bled csg press to 0 in 10 mins. RU pulling unit and reverse unit. Load tbg w/ 30 bbls 6% KCL wtr. ND tree, NU BOP. Could not get BOP working properly. SDON . Will have BOP repaired this AM

12/07/2005 CMIC: Nichols

SITP=100#, SICP=50#. Bled well. Repaired BOP. Displaced well w/ 175 bbls 6% KCL Released pkr. POOH w/251 jts 2 3/8 tbg,on/off tool, and pkr. RIH w/ 4 3/4 bit on 251 jts tbg. SION

12/08/2005 CMIC: Nichols

SIP=0. Finish RIH and tagged @ 8036. Washed sand to top of pkr @ 8074.CHC POOH RIH w 16'X 1 1/2" jts, x-over, 4'X 2 3/8 pup jt on 80 jts tbg. SION

12/09/2005 CMIC: Nichols

SIP = 0. Cont RIH. Loss 3 hrs for rig repair (Tbg Tongs). FIH and tagged pkr @ 8100.Cleaned out to 8114. Rec'd sand, rubber, and frac balls. CHC POOH to above top perf. SION

12/10/2005 CMIC: Nichols

SIP=0. Finish running in hole. Tagged at 8114. CHC. Recovered very little of anything. POOH. RIH w/ on/off tool, 260 jts 2 3/8 tbg, and latched onto pkr. RU swab and lowered FL to 7000¿. RU Pro slick line truck.. RIH and tried to latch onto equalizing prong, but could not get bite. POOH. Tubing started blowing like we had made plug start leaking. RIH w/ lead impression blk but did not get and indication on blk. Shut well in with 100# tbg. press. SD till Monday.

12/13/2005 CMIC: Nichols

SITP 1750#. Bled press to 0 in 3 1/2 hrs. Load tbg w/ 33 bbls 6% kcl wtr. Release seal assy. CHC w/ 120 bbls. Recovered lots of gas. POOH w/ 260 jts tbg, on/off tool, and seal assy. RIH w/ pkr retreaving tool. Attempted to latched on to pkr but could not because of sand. CH w/ 90 bbls wtr @ 3 b/m. Latched onto pkr. Pkr would move down but not up. Pushed pkr below bottom perf (8172-8180)),and let press equilized. Pulled pkr above top pert(7873-7882). Pkr dragging hard. SION

12/14/2005 CMIC: Nichols

SIP=0. POOH w/ tbg, Baker Retreavia D pkr. RIH on tbg as follows:

1- 2 7/8 WIEG	0.44	Set @ 7829.62
Baker Model A-2 Big Bore Lokset	4.61	Set @ 7829.18
L-10 on/off tool w/ 1.875F	1.75	Set @ 7824.58
2 3/8 X 27/8 X-over	0.67	Set @ 7822.83
251 jts 2 3/8 L-80 tbg	7806.16	Set @ 7822.16
KB	16.00	

Set pkr w/ 14 pts compression. Load and test pkr to 1000#. ND BOP, NUWH

RU swab.IFL 2800', FFL @ 2000' Rec'd 4 bbls wtr. SION

12/15/2005 CMIC: Nichols

SITP= 925#. Bled press. RU swab. IFL @ 2000'. Kicked well off flowing in two swab runs. RU test seperator. RD Pulling Unit and sent it to Hobbs for repairs. Unit will be out of service for 2/3 days. Turned well through test unit @ 1530 hrs w/300# FTP on 24/64 choke. At 0530 hrs Dec. 15th, well flowing on 18/64 choke, with 140# FTP, 50# BP on unit. Rec'd 30 bbls fluid, with GAS RATE of 284 MCFD. Cont testing.

12/16/2005 CMIC: Nichols

Con't testing. From 0530 hrs to 1230 hrs well flowed on 18/64 choke w/ 120# FTP, holding 50# back press. Recd 14 bbls wtr. w/ GAS RATE of 274 MCFD. Shut well in. TEMP DROPPED FROM REPORT.

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1301 W. Grand Ave.
Artesia, NM 88210

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1220 South St. Francis Dr.
Santa Fe, NM 87505

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