Form 3160-5 (April 2004)

Type of Wel

Notice of Intent

✓ Subsequent Report

Final Abandonment Notice

3a Address

OCD-ARTEMA

UNITED STATES

FORM APPROVED OM B No 1004-0137

☐ Well Integrity
☐

Other Well Records -Initial

Morrow

Well Completion in

DEPARTMENT OF THE INTERIOR Expires March 31, 2007 BUREAU OF LAND MANAGEMENT 5 Lease Senal No. NMNM-70799A SUNDRY NOTICES AND REPORTS ON WELLS If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. If Unit or CA/Agreement, Name and/or No SUBMIT IN TRIPLICATE- Other instructions on reverse side. Catclaw Draw Unit <u>FFR 28</u> 2008 Öıl Well ✓ Gas Well Other Well Name and No Catelaw Draw Unit # 20 OCD 2 Name of Operator Chevron Midcontinent, L.P. (241333) Formerly HEC Petroleum, Inc. API Well No 30-015-33883 3b Phone No (include area code) 15 Smith Road Midland, Texas 79705 432-687-7158 10 Field and Pool, or Exploratory Area Catclaw Draw; Morrow (74320) 4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 11 County or Parish, State 1,310' FSL & 1,210' FWL UL M, Sec. 35, T-21-S, R-25-E **EDDY County, New Mexico** 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Acidize Water Shut-Off Deepen Production (Start/Resume)

Reclamation

Recomplete

Water Disposal

Temporarily Abandon

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Fracture Treat

☐ Plug Back

New Construction

Plug and Abandon

(Filing per BLM request to complete well records and bring into compliance. Oversight of proper and timely filing due to Change of Operator and Operator and Personnel Changes (losses) which occurred in March-April of 2006).

RU WO UNIT, NU 7-1/16 BOP RIH W/10K AS PKR TEST TBG @4000# OK, POH W/PKR DROP CANCELLATION CONE, DOWN CSG, PRESSURE UP ON CSG TO 2000#-OK, BLEED OFF PRESSURE PICK UP 4-3/4 BIT, BIT SUB, 4 3-1/8 DC'S, 4-3/4 STRING MILL, TOP SUB, PU 2-7/8 L80 WS, TAG PLUG @1654' RU SWIVEL, NU BIW RUBBER, BREAK CIRC DO CANCELLATION CONE CIRC CLEAN, CONTINUE RIH, WIPE DVT CLEAN W/STRING MILL RD SWIVEL, ND BIW, TOH W/TBG, LD STRING MILL RIH W/TBG, CONTINUE PICKING UP WS RIH SO THAT EOT @3586'

CONTINUE RIH W/TBG, TAG @10300' PU SWIVEL DRILL CMT FROM 10300'-10352', RECOVERING CMT AND ALUMINUM FROM CANCELLATION CONE DRILL CMT FROM 10352'-10416', HARD DRILLING, RECOVERING CMT IN RETURNS, CIRCULATE HOLE CLEAN, LD SWIVEL,

(Please see attached Continuation Pages 2-4 and Wellbore Diagram)

Alter Casing

Casing Repair

Change Plans

Convert to Injection

(
14 Thereby certify that the foregoing is true and correct Name (Printed/Typed)	1				
Alan W. Bohling	Title R	Title Regulatory Agent			
Signature allande Bohling	Date		01/03/2008		
THIS SPÁCE FOR	FEDERAL OR S	TATE OFF	FICE USE		
Approved by	r	Title	1	Date	
Conditions of approval. If any, are attached. Approval of this notice of the state of the second state of		Milioc property	sansanabel over 17, that	t de la companya di managan di ma Managan di managan di m	and the second of the second o

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictutious or fraudulent statements or representations as to any matter within its jurisdiction

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Catclaw Draw Unit # 20 (API # 30-015-33883)

UL M, SWSW, Sec 35, T-21-S, R-25-E Catclaw Draw; Morrow Field Eddy County, New Mexico

14-FEB-2006,

RU SWIVEL, BREAK CIRC CONTINUE DRILLING FROM 10416-10796', CONTINUE DRILLING CMT, FC @10,864', DRILL I'HRU COLLAR RECOVERING SOME RUBBER AND ALUMINUM CONTINUE DRILLING TO 10,908' NEW PBTD CIRC HOLE CLEAN, RD SWIVEL PULL 10 STANDS

15-FEB-2006,

POH W/2-7/8 WS, DC'S RIG UP BAKER LOGGING RIH W/ RAL, GR, CCL, CORRELATE TO SCHLUMBERGER LOG, LOG WELL FROM 10,906' TO SURFACE, GOOD CMT @DVT 9 (DVT @ 1653'), 50% BOND 10' ABOVE DVT, FREE PIPE TO SURFACE RIG DOWN BAKER WL,

16-FEB-2006,

RU BAKER ATLAS RIH WITH WIRE LINE AND 9/16 GUNS AND COLLAR LOCATER CORRELATE COLLARS AND SHOOT SQUEEZE HOLE 4 SPF AT 1590' 12 HOLES POOH WITH WIRE LINE AND LOCATER AND GUNS RD BAKER RU AND PUMP 150 BBLS FRESH WATER DOWN 5-1/2 CSG AND UP 9-5/8 CSG 2-1/2 BBLS PER MINUTE 200# RD REVERSE PUMP

17-FEB-2006,

TIH W/ 2-7/8 TBG AND 5-1/2 CEMENT RETAINER TO 1528' RU SCHLUM TO SQZ PERFS AND 9-5/8 CSG W/ 500 SKS CLASS C CMT TESTED LINES TO 3000# SET RETAINER STUNG INTO AND PRESS 5-1/2 CSG TO 500# PUMP 100 BBLS. CMT HAD GOOD CMT TO SURFACE CLOSED 9-5/8 AND SQZ 20 BBLS. CMT PRESS 2500# S I AND WASHED LINES AND MANIFOLD 8 MIN PRESS DOWN 1200# PUMP 3 2 BBLS PRESS 2500# S I 10 MIN PRESS DOWN 2000# PUMP 1/2 BBL PRESS UP TO 2500# BLED OFF ANNULUS AND STUNG OUT AND REVS CMT TO PIT 116 BBLS CMT PUMPED 4 BBLS TO PIT 1/2 BBL ON RETAINER RD SCHLUM POOH W/ TBG AND STINGER RD SWIVEL (SQZ CMT F/ 1590' TO SURFACE)

20-FEB-2006,

RIHW/4 3/4 BIT, 6 DC'S, TBG TAG @1517' RIG UP SWIVEL, BREAK CIRC DO CMT RETAINER @1523', RECOVERING METAL AND RUBBER CONTINUE DRLG HARD CMT AND STINGERS (ESPECIALLY HARD @DVT) FELL OUT OF CMT @1689', CONTINUE IN HOLE @1735', CIRC HOLE LD SWIVEL, LD 5 JTS

21-FEB-2006.

RIH W/TBG, TAG @10906', POH W/4 JTS EOT @10.794' RU SCHLUMBERGER, HSM PRESSURE TEST TREATING LINES 7300#, TEST 5-1/2" CSG @7000#, 5MIN 6650#, 10MIN 6520#. 20MIN 6395#, 30 MIN 6308#, WALK PRESSURE TO 7030# ON 5 1/2" CSG , CLOSIE VALVE TO SCHLUMBERGER PUMP, 5 MIN 6985#, 10 MIN 6944#, 12 MIN 6930#, BLEED OFF PRESSURE BREAK CIRC, SPÓT 1000 GAL 7-1/2% ACETIC ACID, EOT @10,794, FLUSH W/55 5 BBLS RD SCHLUMBERGER, PUH W/ TBG, EOT @9018', RU & SWAB FLUID LEVEL DOWN @2100', CONTINUE SWABBING FL @3500'

22-FEB-2006,

POHW/TBG, LAY DOWN DC'S RIHW/RBP SET @58' FROM SURFACE RD RIG FLOOR, ND BOP, NU 7-1/16 10K HYDRAULIC FRAC VALVE, RU KILL TRUCK, TEST FRAC VALVE @7000# OK HSM, RU HALLIBURTON WL, RIH W/ PERF GUN & PERF 10,794'-10,796' POH, RIH & PERF 10,743'-10,753' POH, RIH AND PERF 10,721'-10,727' POH, ALL SHOTS 4SPF W/3-3/8" GUN HMX SUPER DP, 48 OD HOLE 120 DEGREE PHASING (TOTAL 72.48" HOLES F/10,721'-10,796')

22-FEB-2006,

NO GAS TO SURFACE IN 35 MINUTES LOADED AND PRESSURED UP TO BREAK DOWN PERFS RATE 2BPM AT 600# CAUGHT LOAD AND PRESSURE UP TO 2900# AND FORMATION BROKE AND FELL TO 2400# HELD RATE 2BPM PUMPED 15 BBLS SD AND PRESSURE FELL TO 1550 IN 2 MINUTES BLED OFF PRESSURE

23-FEB-2006,

RU CSG SAVER AND SCHLUMBERGER TO FRAC LOWER PERFS 10,721'-10,796' W/ 10,384 GALS FLUID AND 25,000# OF 20/40 CARBO-PROP. RD PUMP LINE PULL CSG SAVER AVG FREATING PRESS 3292# AVG INJ RATE 26 7 BPM RU BAKER EL AND LUBRICATER RIH W/ GR AND JB SET DOWN AT 10,635' POOH W/ GR JB RIH WITH 5-1/2 17# CP AND PERI GUNS SET CP AT 10,633' SHOT PERFS AT 10,585'-10,606' (TOTAL 84 .48" HOLES) POOH W GUNS AND SETTING ASSEMBLY RD ELEC LINE/INSTALL CASING SAVER AND TIE PUMPS INTO WELL FRAC PERFS 10,585'-10,606' W/ 10,209 GALS. FLUID AND 30,000# OF 20/40 CARBO-LITE RD LINES PULL CSG SAVER AND TIE AVG. TREATING PRESS 4622# AVG. INL. PATE 24.3 RDM PLUELEC LINE PIH W/S 1/2 CP. AND SET DOWN AT 10,480' POOL W/CD.

24-FEB-2006,

RUBJ COIL TECH W 1 3/4 TBG AND JETTING TOOL RIH 80 FT PM W C T SLOWED DOWN TO 10 FT PM AT 10400' WENT DOWN TO C P DID NOT FEEL ANY FILL TAG C P JETTIED AND CO TO CP (10,480') WITH N2 RD C T WELL PRESSURE 3200' BEFORE CLOSING FRAC VALVE TOTAL N2 USED 3010 SCF AVG C T U PRESS 3514# AVG WELL PRESS 2517#

Catclaw Draw Unit # 20 (API # 30-015-33883)

UL M, SWSW, Sec 35, T-21-S, R-25-E Catclaw Draw; Morrow Field Eddy County, New Mexico

25-FEB-2006,

RU BAKER WIRE LINE RIH W/ 10K 5 1/2 C P CORALTE W/CBL LOG SET C P AT 10,560' POOH WITH SETTING ASSB RIH WITH GUNS AND SHOT PERFS 10,506-10,518' 10,521-10,526' (TOTAL 68 .48" HOLES F/ 10,506'-10,526') POOH WITH GUNS INSTALL CASING SAVER RU LINE FOR THIRD FRAC TEST LINES AND FRAC PERFS F/10,506'-10,526' W/ 17,825 GALS FLUID AND 32,080# OF 20/40 CARBO-PROP AVG TREATING PRESS 5242# AVG INJ RATE 23 8 BPM RD LINES REMOVE CSG SAVER, RU WL

26-FEB-2006,

INSTALL 10K 7 1/16 FLANGE ADAPTER POUR NEW ROPE SOCKET FOR LUBRICATOR 10K MAKE UP LUBRICATOR PICK UP 5 1/2 10K 17# C P RIH AND TAG UP AT 10,398' NEXT PERFS 10439-10452' C P SET AT 10,560' POOH WITH WIRE LINE RD WIRE LINE AND ND FLANGE ON LUBRICATOR RU MANIFOLD LINES, DESANDER, AND GAS BUSTERS ON LINES FROM DESANDER AND MANIFOLD TO DRILLING PIT INSTALL 7 1/16 10K FLANGE FOR BJ COIL ON TOP OF FRAC VALVE

27-FEB-2006,

MIRU BJ COIL UNIT LOAD 1 3/4 COIL W/4%, TEST LINES @3500# OK, RIH W/ 1 3/4 COIL AND WASH TOOL, 1/4 BPM FLUID, 400 SCFM/N2, RIH TAG @10550' CTD, PULL COIL ABOVE PERFS, RIH TAG @10550', CIRCULATE WELL BTMS UP, 1/2 BPM FLUID, N2 800SCFM, RECOVERING FRAC SAND SD FLUID, STRAIGHT N2, N2 @EO 1 3/4 CT, 1000SCFM, TOH W/COIL, PUMPING N2 RT 1000SCFM, RIG DOWN COIL UNIT, (473,000 SCF)

28-FEB TO 3-MAR-2006

RIG UP BAKER WL, PICK UP BAKER QUICKDRIL COMP BP RIH W/CBP, SET @10480', CORRELATE TO CBL LOG, I'OH W/SETTING TOOL BLEED OFF WHP @950# DOWN TO 500#, PUMP 120 BBLS 4% KCL DOWN CSG, RIH, PERF 10,439'-452', 4 SPF (TOTAL 52 .48" HOLES), TOH, RD BAKER WL INSTALL GUARDIAN CSG SAVER, RIG UP SCHLUMBERGER, FRAC UPPER PERFS F/ 10,439'-452' W/ 10,896 GALS FLUID, 491.8 BBLS C02 AND 15,169# 20/40 CARBO-PROP @ AVG PRESS=3341# AND AVG RATE=21 4 BPM RIG DOWN SCHLUMBERGER

04-MAR-2006,

KEPT CHECKING CSG PRESS AND FLOW RATES EVERY 30 MINUTES TOTAL WATER RECOVERED 63 DUMPING VERY LITTLE SAND EVER 30 MINS 164 BBLS RECOVERED

05-MAR-2006.

CONT CHECKING CSG PRESS & FLOW RATES, SHUT WELL IN CO2 @ 30% TOTAL FLUID RECOVERED 238 0

06-MAR-2006,

MI BJ COIL RIG AND EQUIP RIG UP BJ 1 3/4 COIL UNIT, INSTALL BAKER DISCONNECT, PULL TEST DISCONNECT 1200# OK, PRESSURIZ TEST 2500# OK, INSTALL BAKER MOTOR, AND 4 625 OPTIKUT BUTTERFLY MILL, TEST MILL OK HSM, BREAK CIRCULATION, TEST LINES 1000# OK, OPEN WELL WHP 1060#, RIH W/COIL 1/2 BPM FLUID, 300SCFM N2, TAG @10319' CTD, WASH SAND TAG COMP BP @10,470' CTD DRILL OUT COMP BP 1 1/2 BPM, 700 SCFM, WHP 1200#, CIRC 5180#, CONTINUE RIH, PUMP 10 BBL PILL, TAG @TAG SAND @10,516' MIDDLE OF PERFS @10,506-10,526', CONT WASHING SAND

TO 10,546' CTD ON COMP BP DRILL ON CBP 1 1/2 BPM. 400-700 SCFM, 1875 WHP, 5400# CIRC PSI, CONT. DRLG ON PLUG., TOH W/COIL, SD N2, WHP 1434#, CIRC PSI 3300#, @ 2000' FROM SURFACE, BLED DOWN COIL. MILL ABOVE FRAC VALVE WHP 850#.

07-MAR-2006,

ND WELLHEAD FLANGE, CHECK AND TEST BAKER EXTREME MOTOR OK, LD 4 625 BUTTERFLY MILL, PICK UP 4 750 JUNK MILL. NU. TEST LINES 2600# OK HSM, WHP 900#, OPEN FRAC VALVE RIH W/COIL. 1/2 BPM. 300SCFM @10,000', INCREASE RTS 1 8 BPM, 600SCFM, TAG @10404', WENT THRU BRIDGE CONTINUE IN HOLE TAG @10546' ON CBP DRILL ON PLUG, WHP 1407#. CIRC PSI 4334# @12 00 CHANGE RTS 2 BPM, 300SCFM, PICK UP OFF BTM. SET DOWN FELL THRU PLUG CONTINUE RIH W/COIL TAG @10575' CTD. WASH SAND, TAG UP ON CBP @10613' CTD PUMP 5 BBL PILL, CONTINUE DRLG ON PLUG FELL THRU PUMP 10 BBL PILL, CONTINUE RIH WHP 1052#, 2 BPM, 300SCFM, CHASE PLUG TO 10676', WORK THRU @10680', WORK DOWN TO 10780' @10780' PUMP 5 BBL PILL, WHP @787#. CHANGE PMP RTS I 8 BPM. 600SCFM, WORK DOWN TO TD WASHING SAND, PUMP 10 BBL PILL, WORK THRU PERFS 3 TIMES WHP 1074#. CIRC PSI 3893#, CIRCULATE BTMS UP, POH TO 10400', DROP BALL LOCK OUT MOTOR, JET ON WELL, WHP 965#, @23 45PM WHP 1700#, 1000SCFM, BEGIN POHW/COIL

CONTINUE POH W/COIL. WHP 1700#. SCFM 1000, @2000' FROM SURFACE SD N2, JUNK MILL ABOVE FRAC VALVE S/I WITH 1200# WHP, ND 7 1/16 10K FLANGE. LAY DOWN MILL AND MOTOR CUT OFF DISCONNECT, (WELL S/I FOR 45 MINUTES OPEN TO PIT WHP 1500#), RIG DOWN BJ COIL WHP FLUCTUATING 1000-1100#, 28/64 CHOKE RECOVERING FLUID, N2, LITTLE GAS

<u>Catclaw Draw Unit # 20</u> (API # 30-015-33883)

UL M, SWSW, Sec 35, T-21-S, R-25-E Catclaw Draw; Morrow Field Eddy County, New Mexico

09-MAR-2006,

WHP 1550# RU BAKER ATLAS WHP 2000# TIGHTEN LUB SEAL FLANGE BAKER ATLAS RUN PRISM AFTER FRAC EVAL LOG 10800'10200' WHP-2700# BAKER ATLAS RIH 2 3/8" X 5 1/2" WL SET ARROSET PKR SET PKR ELEMENTS @ 10360' 2 3/8" X 1 81 F PROFILE NIP T2
O/O TOOL, 5 1/2" X 2 3/8" ARROWSET PKR, 10' X 2 3/8" N80 TBG SUB, 1' X 2 3/8" N80 1 81 "R" LANDING NIP, 2 3/8" WL ENTRY GUIDE TOP OF
PKR ASSEMBLY @ 10355' BTM PKR ASSEMBLY @ 10375' RD BAKER ATLAS WHP 2800#

10-MAR-2006.

CHECK WHP - 0# MOVE IN PIPE RACKS LOADING HOLE ND HYD FRAC VALVE 230 BBLS TO LOAD HOLE NU AND TEST BOP 1000#-GOOD RU FLOOR AND TOOLS TO RUN 2 7/8" I'BG

13-MAR-2006.

RIH W/7500' TBG OUT OF DERRICK, LAY DOWN 7500', RIH W/3000' KILL STRING

14-MAR-2006,

FINISH LAYING DOWN 2 7/8 WS MOVE WS, RACK 344 JTS 2 7/8 PROD TBG, TALLY, LOAD 356 JTS WS PICK UP ON/OFF TOOL, 2 3/8 X 2 7/8 X-0VER, RIH PICKING UP 2 7/8 PROD TBG FROM RACK, TOTAL OF 323 JTS TBG,

15-MAR-2006,

FINISH RIH W/TBG, SPACE OUT TBG, INSTALL 8' PUP JT CIRCULATE WELL W/4% KCL ND, BOP, PICK UP 2 7/8 X 2 7/8 EUE TBG HANGER, TYPE H PLUG BUSHING, LAND TBG W/10PTS COMPRESSION, **EOT @ 10,369.8'.**, NU 2 9/16 X 10K WELLHEAD, TEST @600# OK SWAB FLUID LEVEL DOWN TO 6000' IN A M , FINISH RIH W/ TBG. SPACE OUT , TREE UP RIH W/ PULLING TOOL, LATCH ON BLANKING PLUG, POH W/ WL AND PLUG, RIG DOWN PRO WIRELINE 1200# TP OPEN WELL TO PIT , FLUID @ SURFACE, UNLOAD 10 BBLS FLUID, PSI @2400#,

16-MAR-2006,

RD UNIT, CLEAN LOCATION, RU PRO WELL FESTERS, TO CONTINUE MONITORING WELL

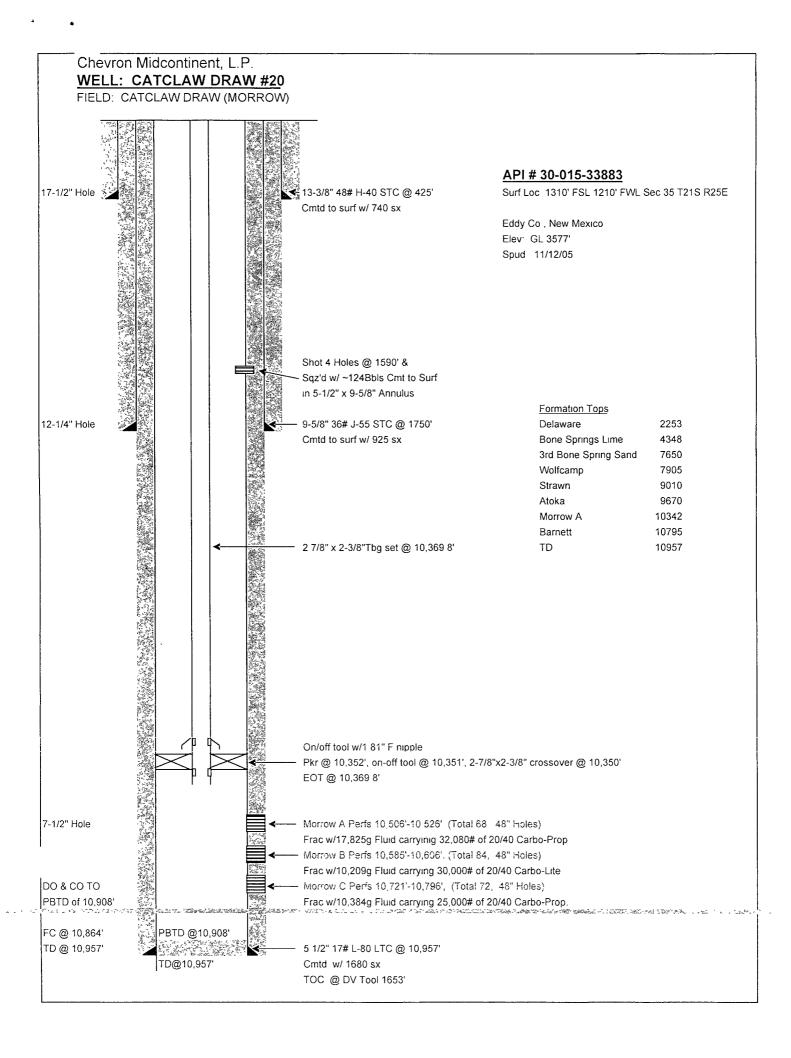
17-MAR-2006,

FLOW TEST WELL TBG 2200# 15/64 CHOKE RATE 2 75 MMCF CO2 RANGING FROM 8%-4% AS FLUID IS UNLOADED AVG FLUID LAST NIGHT 1 BPH - 11/2 BPH AT 8 30 A M PRESSURE UP TO 2210# RATE 2 75 MMCF FLUID 2 BPH RECOVERED 25 BBLS WATER 6 BBLS CONDENSATE FLOW RATE WAS 2 750 MMCF 2210# 15/64 CHOKE CO2 3 1/2 %

20-MAR-2006,

RUN 4 PT TEST, 60 HR SITP 3102#, 1ST RT FTP 2976#, 8/64 CHOKE, 1 2MMCF, 0 FLUID, 600#BP, (2ND RT) FTP 2871#, 10/64 CHOKE, 1 7MMCF, 0 FLUID, 600# BP, (3RD RT) FTP 2759#, 12/64 CHOKE, 2 4MMCF, O FLUID, 600# BP, (4TH RT) FTP 2458#, 15/64 CHOKE, 3 4MMCF, 2 BO, 600# BP FINAL REPORT, TURN OVER TO PRODUCTION

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CATCLAW DRAW UNIT # 20

LEASE & WELL (Give Unit, Section, Township and Range)

OPERATOR PURE RESOURCES 15 SMITH ROAD, MIDLAND, TX 79705

ATTN: BOYD SHANEMAN

DRILLING CONTRACTOR

NABORS DRILLING USA, LP

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

following resul	15							
DEGREES @ I	DEPTH	DEGREES @	DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH			
1	198	3	6888					
1	398	2 1/4	7137					
1/2	890	2 3/4	7415					
1 1/4	1380	3 1/4	7668					
1 1/4	1740	3	7916					
1 1/4	2240	3 1/4	8165					
1	2720	3 1/2	8414					
3/4	3196	3	8651					
1/4	3672	3	8901					
1	4172	2 1/4	9153					
3/4	4652	2 1/2	9647					
1 1/2	5126	3 3/4	10144					
3/4	5599	2 1/4	10536					
1/2	6075	3 3/4	10932		-			
2	6548			-	-			
Drilling Contractor Nabors Drilling USA, LP.								
By Keith Dunn-District Manager								
Subscribed an	d sworn to b	pefore me this	25	lay of January	, 2006			
		STA WES	STBROOK É	Vanna Tes Totary Public	track			
My Commision		The second second	Control of	MIDLAND	County TEXAS			