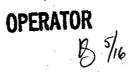
Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
_OM B No. 1004-0137
- Action 1 and 1 and - A191
Expires: March 31, 200

	BUREAU OF LAND MA	NAGEMENT		5. Lesse Serial No.
SUNDRY	NOTICES AND R	5. Lesse Serial No. 9: NMSF 079071		
Do not use ti	nis form for proposals ell. Use Form 3160 - 3	to drill or to l	re-enter an	6. If Indian, Allottee or Tribe Name
SUBMIT IN TR	IPLICATE- Other ins	tructions on re	Verse side. 1210	7 If Unit or CA/Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well Other			8. Well Name and No.
2. Name of Operator Huntington 1	Inergy, L.L.C.	-,		Canyon Largo Unit 316 9. API Well No.
3a Address 998 N.W. 71st St., Oklahoma C	30-039-23009 10, Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec.,		405-840-9876		Basin Dakota
840' FSL & 1680' FWL Sec 21, T25N-R6W NMPM		,		11. County or Parish, State Rio Arriba County, NM
12. CHECK A	PROPRIATE BOX(ES) T	O INDICATE NAT	URE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		. .	TYPE OF ACTION	
Notice of Intent	Acidize Alter Casing	Deepen Practure Treat	Production (Sta	nt/Resume) Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Construction	, n	Other new:
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abando Plug Back	m	andon <u>Plafa 6757-6810</u> IB 6810'
determined that the site is ready See attached document for	or mainspecton.)	eepen in the Dakota	formation.	•
				RCVD MAY16'07
				OIL CONS. DIV.
	<i>:</i>			DIST. 3
	•	٠,	•	
14. I hereby certify that the foreg Name (Printed/Typed)	oing is true and correct	1		
Catherine Smith		Title	Land Associate	
Signature Callerin o	Singe .	Dete	05	/07/2007
	THIS SPACE FOR	FEDERAL OR	STATE OFFICE I	JSE TOP TO THE SECOND S
Approved by			Title	Date MAY 1 0 2007
Conditions of approval, if any, are at certify that the applicant holds legal of which would entitle the applicant to	or equitable title to those rights		Office	FARMINGTON PAZZDOFFICE
Title 18 U.S.C. Section 1001 and Title- States any false, fictitious or fraudule	3 U.S.C. Section 1212, make it and statements or representations	a crime for any person as to any matter within	knowingly and willfully to	make to any department or agency of the United

(Instructions on page 2)



Huntington Energy, L.L.C. Canyon Largo Unit #316 Summary of Work – Dakota Completion

3/28/07

SICP: 510# SITP: 0# MOL, RU AND BLEED DN CSG. PULL POLISH ROD AND UN-SEAT PUMP W/O ANY PROBLEM. LD POLISH ROD. PULLED A TOTAL OF 160 RODS OUT OF ± 227 . PU, RE-INSTALL POLISH ROD, SHUT IN AND SECURE WELL. SDFN.

3/29/07

SICP: 20# SITP: 0# PULL AND LD POLISH ROD AND FINISH LAYING DN RODS & PUMP (241 TOTAL RODS + 1 - 4' PONY ROD). ND WELLHEAD AND NU BOP. PULL TBG HANGER, RIH AND TAG BOTTOM @ 6117'. (PBTD: 6118') STRAP 2%" TBG OUT OF HOLE (6072.10' KB). PU 4 ½" R-3 PKR AND TIH TO 5522'. RU AND ATTEMPT TO CIRC HOLE. PUMPED 60 BBLS DN TBG; ANNULUS WAS ON A VACUUM. SET PKR, LOAD ANNULUS W/±30 BBLS AND PRESSURE TEST 4½" CSG TO 500#/5 MIN. - OK. RELEASE PKR AND TOOH. SHUT IN, SECURE WELL AND SDFN.

3/30/07

SICP: 0# PU & RUN 4½" R-3 PKR AND 10 STDS IN HOLE. SET PKR, STACK OUT TBG ON PKR, LEAVING THE TOP OF TBG 3-4' ABOVE TBG FLANGE. RD FLOOR & ND BOP. RUN REMAINING TBG IN HOLE, SET PKR LEAVING THE TOP OF THE TBG 3-4' ABOVE TBG FLANGE. RD FLOOR ND BOP & DIG OUT AROUND WELLHEAD. PUT TBG HANGER ON A PUP JT THEN SCREW HANGER ON TBG STANDING IN HOLE. REL PKR RUN HANGER DOWN & LAND IT IN THE TBG HEAD, SCREW TBG HEAD RETAINING NUT ON OVER THE HANGER. PULLED 60,000, FILLED IN CELLAR & TOOH W/2¾" TBG RACKING IT MUCH FURTHER FROM CELLAR. SHUT IN, SECURE WELL & SDFWE.

4/2/07

SICP: 40# RD FLOOR & ND BOP. BEGIN TO DIG OUT CELLAR, TBG BEGAN TO COLLAPSE INTO CELLAR. FILL IN CELLAR, NU BOP AND RU FLOOR. PU 3%" MILL TOOTH BIT, TIH 20 STDS AT A TIME. TAG BOTTOM, RU TO CIRC THE LONG WAY. ESTABLISHED CIRC. DRILL 5'-7" TO FLOAT COLLAR. CIRC HOLE CLEAN, PULL 10 STDS. SHUT IN, SECURE WELL & SDFN.

4/3/07

SICP: 0# SITP 0# RIH, TAG BOTTOM & ESTABLISH CIRC. RESUME DRILLING, DRILL FLOAT COLLAR @ $\pm 8'$. DRILL 42' OF CMT TO SHOE @ 6170' THEN DRILL $\pm 13'$ OF NEW HOLE TO 6183'. CIRC HOLE CLEAN & LD POWER SWIVEL. RU, LD 2¾" TBG, BIT SUB AND 3%" BIT. RD FLOOR SHUT IN, SECURE WELL & SDFN.

4/4/07

SICP: 40# BLEED OFF CSG, ND BOP & DIG OUT CELLAR AGAIN. SCREW TBG HANGER ON 23%" PUP JT, INSERT HANGER IN TBG HEAD & SCREW ON TBG HANGER RETAINING NUT. MAKE FIRST CUT ON 85%" SURFACE CSG, PULLED 30K TO SEPARATE CUT & MADE 2ND CUT ON SURFACE PIPE. SLACKED OFF TO 10K & WELDED CIRCULAR PLATE TO SURFACE & 4½" CSG. CUT OFF 4½" CSG. SPLICED CSG W/COLLAR. PLACE 7 1/16" X 5M WELLHEAD ON TOP OF CSG, HEAT WELLHEAD & WELD BOTTOM OUTSIDE OF WELLHEAD TO TOP OF 4½" CSG. NU 7 1/16" X 5M BOP. CLOSED BLIND RAMS SECURED WELL AND SDFN.

4/5/07

SICP: 40# BLEED DN CSG. PU 60 JTS OF TBG, MU 31/4" MAX O.D. SAND BAILER AND TIH TO CSG SHOE @ 6170' COMPLETELY LOADED HOLE W/H2O, THEN ENTERED OPEN HOLE W/BAILER. BAILER WENT RIGHT TO TD @ 6183':13'. WORKED BAILER SEVERAL TIMES AND CONT TO TAG BOTTOM IN THE SAME PLACE. PULL 20 STDS (ABOVE GALLUP PERFS). INSTALL TIW ON TBG, SHUT PIPE RAMS, SECURE WELL AND SDFN.

NOTE: WSI BROUGHT OUT ANOTHER WELLHEAD. CSG SPLICE WAS WELDED IN W.H. AND TESTED PREPPING ENTIRE ASSEMBLY FOR INSTALATION ON WELL. W.H. INSTALLATION NOW

ONLY REQUIRES CUTTING 41/2" OFF, SLIDING MACHINED 41/2" CSG COLLAR OVER CUTOFF AND MAKE ONE EXTERNAL WELD TO JOIN THE W.H. TO 41/2" CSG IN THE WELL.

4/9/07

SICP & SITP: 0#. LD 20 JTS OF TBG ON GROUND, THEN RUN THE REMAINING TBG STANDING IN DERRICK IN HOLE. SET IN FLOAT TO LAY TBG DOWN ON. PULL AND LD ALL 2 3/8" TBG AND 4 ½" R -3 PKR. SHUT WELL IN W/BLIND RAMS IN BOP. RIG DOWN, MOVE RIG & ALL EQUIP OFF LOCATION. COMPLETE FINAL WORK ON WELL HEAD AND CELLAR FOR JOB. SET PIPE RACKS. UNLOAD 2 3/8" TBG ON RACKS, LEVEL/BACK DRAG LOCATION. HOWCO MOVED IN AND SPOTTED IN COIL TBG UNIT, N2 PUMP AND CRANE. HOWCO: NU "COMBY" UNIT (LOWER DOUBLE BOP AND MUD CROSS). SDFN.

4/10/07

RESUME RIGGING UP HOWCO, LAY BUOY LINE AND FLOW LINES FOR CHOKE MANIFOLD. PU & MU A SECURITY 3 %" PDC BIT ON BHA. TEST DOWNHOLE MOTOR NU REMAINDER OF HOWCOS WELL HEAD ASSEMBLY. RUN 2" COIL TBG IN HOLE TO 5300"... SLOWLY PULL OUT OF HOLE.

BIT: SECURITY 3%", TYPE: FM2533, SER #:18847660

BHA: 3%" PDC W/ 2-%" PIN, X-OVER; 2-%" REG BOX X 2-%" PAC PIN, TITAN MOTOR HYDROLIC DISCONNECT HYDROLIC JARS, 2 WEIGHT BARS, BACK PRESSURE VALVE AND COIL TBG CONNECTOR TOTAL BHA = 47.38".

4/11/07

FINISH PULLING OUT OF HOLE. SEPARATE HOWCOS WELL HEAD ASSEMBLY BETWEEN LUBRICATOR & COMBYS, LD BHA, LUBRICATOR, AND INJECTOR HEAD. W.O. REASSEMBLE UPPER PORTION OF STACK, CONNECT COIL TBG TO BHA W/NEW DOWNHOLE MOTOR. TEST MOTOR, THEN RE-ASSEMBLE BOP STACK. RUN 2" COIL TBG BACK IN HOLE. TAG @ 6160'. (BTM OF 4½" CSG). ESTAB STABLE CIRC W/600 SCF/MIN N2 & ¼ - ½ BPM FLUID. FLUID ADDITIVES: 1 - 2 Gal/1000 CLAY STABILIZER, 2 - 3 Gal/ 1000 FOAMER AND 1 GAL/1000 POLYMER.

4/12/07

BEGIN DRILLING @ 6160'. VARIED WOB, FLUID AND N2 RATES TO OPTIMIZE PENETRATION RATE. PICKED UP AND RAN NUMEROUS 3 BBL POLYMER SWEEPS TO INSURE HOLE WAS CLEAN. DRILLED TO 6718'; 558'/24HRS = 23.25'/HR OVERALL ROP.

4/13/07

DRILLING 6718' TO 6796'. (78' ROP = 15.6'/HR) CIRC HOLE CLEAN, POOH, RIG DOWN STACK, CHANGE OUT MOTOR & PU BIT #2. TEST MOTOR, RU STACK AND RIH. RESUME DRLG 6796' TO 6870'. (74' ROP = 49.3'/HR) CIRC HOLE CLEAN W/N2 AND FLUID, CUT N2, PUMPED 50 BBLS OF TREATED FLUID @ 2BPM AHEAD OF A 20 BBLPILL OF 40#/1000 POLYMER GEL, FOLLOWED BY 40 BBLS OF TREATED FLUID TO FLUSH, THEN SHUT DOWN. PULL COIL TBG OUT OF HOLE, SPOTTING GEL PILL IN OPEN HOLE.BREAK STACK, BREAK AND LD BHA AND BIT #2. SHUT IN AND SECURE WELL. PARTIALLY RD EQUIP AND SDFN.

BIT #2: HUGHES CHRISTENSEN 3%" HC 405Z SER#: 7008561

4/14/07

RD HALLIBURTON EQUIP. SICP: 160#, SIP 2¾" X 4½" ANNULUS: 0#, BRADEN HEAD PRESS: 0# SLOWLY BLED PRESS. OFF 2½" SET PUMP, PIT AND POWER SWIVEL. MOVE RIG ON LOCATION AND RIG IT UP. MOVE AND CONNECT CLOSING UNIT FOR BOP. PU AND RUN 2½" N-80 CASING. PULL UP AND RU POWER SWIVEL. RU HOWCO AND ESTABLISH CIRC. W/40 BBLS (TBG CAP: 26 BBLS-FLUID WAS GAS CUT) RIH AND TAG UP. RU HOWCO TO CMT. BREAK CIRC, RUN 10 BBL CHEM WASH, 5 BBLS FRESH H2O SPACER, THEN MIX 150 SX (35 BBLS/196 CU FT) OF CLASS "G" 50/50 POZ W/1½ GBL, 0.1½ HR5, 0.2½ HALAD344, 0.2½ CFR3, 5#/SK GILSONITE AND 1/8#/ SK POLY FLAKE @ 2.5 BPM AND 500#. SD WASH PUMPS AND LINES, DROP PLUG AND DISPLACE CMT @ 2.5 – 1 BPM AND & 700# - 1800#. BUMPED PLUG TO 2300# PRESS BLED OFF IMMEDIATELY, RE-BUMPED PLUG TO 2300#. PRESS DID THE SAME. PLUG DOWN. HAD GOOD CIRC THROUGHOUT JOB. SHUT WELL IN, WOC 12 HRS AND RUN TEMP SURVEY.

CASING: RAN 216 JTS OF 2%", 4.7#, N-80, 8RD EUE TUBING (6854.62') SET @ 6867.62' W/A NOTCHED COLLAR ON THE BOTTOM OF AN 8' SHOE JT. A FLOAT COLLAR WAS RUN ON

TOP OF SHOE JT; SET @ 6859.06' A 6' PUP JT WAS USED TO SPACE OUT TBG AND WAS RUN ON THE BOTTOM OF THE TBG HANGER.

4/15/07

WOC, THEN RU AND RUN TEMPERATURE SURVEY. COULD NOT GRT DEEPER THAN 6620' TOC @ 4160' RD SLICK LINE. SHUT IN, SECURE WELL AND SDFN.

4/16/07

TEAR DOWN BUOY LINE AND HELP LOAD MAN LIFT. RU AND RUN SWAB SINKER BAR AND JARS IN HOLE. LENGTH 22', OD OF BTM OF TOOL 1.25", 16' UP FROM BTM; OD = 1.61". OD OF TOOL TOP; 1.75". MEASURED DEPTH W/A SANDLINE DEPTHOMETER. TOOL WENT TO 6640' TWICE. PULLOUT AND RUN SINKER BAR ONLY BACK IN HOLE. LENGTH = 16'. OD AT BTM OFTOOL: 1.25" TOOL WENT TO 6646'. SPUD SANDLINE AND WORKED TOOL IN TO 6655'. RD SANDLINE AND RU SCHLUMBERGER WIRELINE. RUN 6' LONG 1.8125" OD SINKER BAR IN HOLE TO 6595'. ATTEMPTED SEVERAL TIMES TO WORK TOOL DEEPER; COULD NOT. RD SCHLUMBERGER, SHUT IN, SECURE WELL AND SDFN.

4/18/07

PREPARE LOCATION TO RU COIL TUBING EQUIP. TEAR DOWN BUOY LINE. MOVE BUOY LINE STAND, FLOAT (USED FOR CATWALK) CMT WEIGHTS AND POWER SWIVEL OFF LOCATION. SET FLOWBACK TANK, RD FLOOR AND ND STRIPPING HEAD ON BOP. LOAD 20 JTS OF 2%", N-80 TBG ON FLOAT W/THE 185 JTS OF 2%" J-55 TBG THAT WAS PULLED FROM THIS WELL. FILL 400 BBL FRAC TANK OVERNIGHT.

4/19/07

RU 3" EQUALIZING LINE FROM FLOWBACK TANK TO 400 BBL FRAC TANK. RD RIG, PUMP & PIT. PRO PETRO ARRIVED ON LOCATION, SPOTTED EQUIPMENT AND SDFN.

4/20/07

PRO PETRO RIGGED UP. PU AND MU 1.91" O.D. MILL ON BHA. START MILL IN 2%" AND CONNECT COIL STACK TO BOP. RIH W/BHA ON 1%" COIL TBG. TAG @ 6607' CIRC @ ¼ BPM & 2000#. DRILLED SOFT CMT 6607'- 6624'. DRILLED HARD CMT 6624' — TO WIPER PLUG/FLOAT COLLAR @ 6858' VARIED CIRC. RATE TO OPTIMIZE ROP; FOUND MAX 1 BPM @ 5500#-6500# BEST RATE. DRLG ON RUBBER WIPER PLUG @ 6858'. DRILLING VERY "TOUCHY" CONTAINED SMALL PIECES OF RUBBER AND AN OCCASIONAL SLIVER OF ALUMINUM.

4/21/07

DRLG ON WIPER PLUG AND FLOAT COLLAR 6858'-6859' @ 1 BPM & ±6000#. FINALLY DRILLED THRU WIPER PLUG & FLOAT COLLAR. DRLG CEMENT 6859'- 6863'. CIRC HOLE W/GEL H20 AND RUN 10 BBL THICK GEL SWEEP. POOH, BREAK AND LD BHA. RD CT STACK. RU BASIN PERFORATING. RELEASE THRU TUBING SOLUTIONS. RUN 1-11/16" OD GR-CCL FROM TD @ 6863' - 4850'. RD BASIN, W.O. NZ TRUCK, UNLOAD COIL TBG W/NZ AND RELEASE PRO PETRO COIL TUBING.

4/23/07

MOVE RIG ON LOCATION AND RIG UP. ND BOP, RU SCHLUMBERGER AND RUN GR — CCL & CBL 6862' — 4000'. SCHLUMBERGER THEN RAN RST LOG FROM TD TO 5800', RD SCHLUMBERGER, LOAD AND PRESSURE TEST 2%" X 4½" ANNULUS TO 500#/5 MIN — O.K. LOAD AND TEST 2%" TBG TO 2000#/5 MIN — O.K. SECURE WELL, RD RIG.

4/24/07

RU BASIN PERFORATORS AND SET 2%" CIBP @ 6861'. RU SUPERIOR WS. PRESSURE 2%" X 4%" ANNULUS TO 500#. MONITOR ANNULAR PRESS THROUGHOUT JOB. PRESSURE TEST 2%" TBG, CIBP, WELLHEAD AND FRAC VALVE; ALL TO 5000#/5 MIN. – O.K. RU WIRELINE, RUN IN HOLE W/PERF GUN, PERFORATE 6804' – 6810' (6 FEET) W/1-9/16" HSC GUN W/4 SPF OF 3.5 gm CHARGES FOR A TOTAL OF 24 – 0.20" HOLES. RD WIRELINE, RU SUPERIOR W.S. TO BREAK DOWN AND ACIDIZE PERFS. PUMPED 1.8 BBLS H20 @ 2 BPM; PERFS BROKE @ 4800#, SWITCH TO ACID AND BRING ON N2 @ 300 scf/ BBL. PUMPED 600 GALS OF 50Q 15% NE – FE HCL @ 6.0 BPM (TOTAL RATE/ 3 BPM FLUID RATE) & 3650#. SWITCH TO H2O AND CON'T PUMPING @ 6 BPM TOTAL RATE AND FLUSHED ACID TO TOP PERF W/26 BBLS OF 50Q FLUID @ 3650# - 3875#. OBSERVED NO SIGNIFICANT CHANGE IN 2%" X 4½" ANNULAR PRESS. ISIP: 3045#, 5 MIN: 1782#, 10 MIN: 1725# AND 15 MIN: 1704#. SHUT IN WELL, RD SUPERIOR W.S. AND RU FLOWBACK LINE.

FLOWING WELL BACK

4/26/07

MOL & RU. ND FRAC VALVE, INSTALL. TIW VALVE IN TBG HANGER AND RU SWAB TOOLS. COMENCE SWABBING, MADE 6 RUNS AND RECOVERED 33 BBLS OF FLUID. ON 4^{TH} & 5^{TH} RUN FLUID LEVEL @ 3000'. LET WELL SET 1 HR BETWEEN 5^{TH} AND 6^{TH} RUN. FLUID LEVEL ROSE TO 800'. OBTAINED A FLUID SAMPLE TO BE ANALYZED ON LAST RUN. SHUT IN, SECURE WELL & SDFN.

4/27/07

SICP: 15# BLEED DN CSG. ND FRAC VALVE, INSTALL TIW VALVE ON TOP OF TBG HANGER AND RU BASIN PERFORATORS.. RUN 2½" CIBP IN HOLE AND SET IT @ 6788'. RU AND PRESSURE TEST BP TO 2000#/5 MIN – O.K. PERFORATE THE FOLLOWING ZONES, W/4 SPF USING 1-9/16" HSC CASING GUN FIRING 3.5 GRAM CHARGES, 6757' – 6760', 6746' – 6750', 6708' – 6714', 6673' – 6675', 6610' – 6613' & 6604' – 6606' FOR A TOTAL OF 20 FEET AND 80 – 0.20" HOLES. RD WIRELINE, NU FRAC VALVE, SHUT IN, SECURE WELL AND SDFWE.

4/30/07

SICP: 320# RIG DOWN AND MOVE TO CLU #343. WSI REPAIRED AND RE-TESTED SEAL SLEEVE IN FRAC VALVE.

5/3/2007

RU HALLIBURTON AND TEST LINES TO 8500#. SICP: 150#. FRAC'ED WELL W/41,622 GAL (CLEAN VOL) OF 20# X-LINKED GEL CONTAINING 65,200# OF 20/40 OTTAWA SAND COATED W/EXPEDITE AT AN AVG SLURRY RATE OF 14.8 BPM AND AVG WHTP OF 5196# AS FOLLOWS: 374 GAL 20# GEL @ 5.0 BPM & 2073# TO LOAD AND BREAK (=SAW BREAK @ 4947#), 323 GAL OF 7.5% FE HCL @ 3.3 BPM & 1879#, 366GAL 20# GEL PRE-PAD @ 4.5 BPM & 4383#. PUMPED 11197 GAL 20# X-LINKED PAD @ 14.5 BPM & 5600#, (PRESSURED UP TO 7407# BEFORE FM BROKE AGAIN). 6923 GAL OF 1 PPG SAND @ 14.8 BPM & 5316#, 6739 GAL 2PPG SAND @ 14.8 BPM & 5110#, 6307 GAL OF 3 PPG SAND @ 14.8 BPM & 4992#, 6430 GALS OF 4PPG SAND @ 14.8 BPM AND FLUSHED W/ 1014 GALS OF 20# GEL @ 14.6 BPM & 5415# ISIP: 2217# 5 MIN: 2049# 10 MIN: 1946# 15 MIN: 1852# LOAD TO RECOVER 991 BBLS. SHUT WELL IN FOR 8 HRS.

NOTE: ABOVE RATES ARE SLURRY RATES. VOLUMES ARE CLEAN VOLUMES. PRESSURES ARE AVERAGE WELLHEAD TREATING PRESSURE.