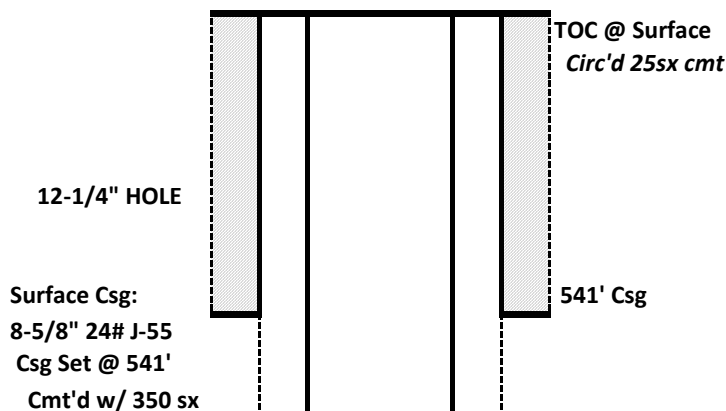


SOLIS PARTNERS, LLC**WELLBORE DIAGRAM**Lease/Well No.: **PATHFINDER AFT STATE #005** ELEVATION, GL: **3,838 ft**Location: 330' FSL & 1,650' FEL
UL: O, SEC: 21, T: 10-S, R: 27-E FIELD: **DIABLO - SAN ANDRES**
CHAVES County, NMLEASE No.: State LG-5246 Spudded: **1/31/1989**API No.: **30-005-62665** Drlg Stopped: **4/8/1989**Completed: **4/26/1989**

LAT:

LONG:

CABLE TOOL RIG

<u>TOPS</u>	<u>DEPTH, ft</u>
SALT	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	1,378
GLORIETTA	

**CURRENT STATUS: SHUT-IN
SAN ANDRES OIL WELL**

<u>PERFS:</u>	<u>ZONE</u>	<u>SPF - # Holes</u>	<u>DATE</u>
1980',81',82',86',87',88',	SAN ANDRES	6' 1 spf - 6 holes	04/14/89
1994',96',97',2007',08',	SAN ANDRES	5' 1 spf - 5 holes	04/14/89
2012',13',14',26',27',31',	SAN ANDRES	6' 1 spf - 6 holes	04/14/89
2032',33',34',35',36',42',	SAN ANDRES	6' 1 spf - 6 holes	04/14/89
2043',44',45',2046	SAN ANDRES	4' 1 spf - 4 holes	04/14/89
TOTALS ==>	27' ---	27 holes	

2,061' Csg
2,061' TD / 2,054' PBDT

Originally Drilled as the PATHFINDER AFT STATE #005 by YATES PETROLEUM CORP.

Cumulative Prod. (03/31/20):

OIL **76.493** MBO
GAS **29.450** MMCF
WATER **15.173** MBW
INJECT. **----** MBW

HPS: 09/17/2020

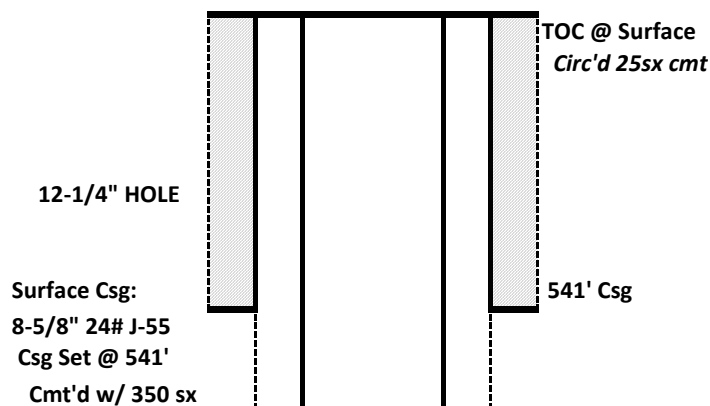
SOLIS PARTNERS, LLC**WELLBORE DIAGRAM**Lease/Well No.: **PATHFINDER AFT STATE #005**ELEVATION, GL: **3,838 ft**Location: 330' FSL & 1,650' FEL
UL: O, SEC: 21, T: 10-S, R: 27-E
CHAVES County, NMFIELD: **DIABLO - SAN ANDRES**

LEASE No.: State LG-5246

Spudded: **1/31/1989**API No.: **30-005-62665**Drig Stopped: **4/8/1989**Completed: **4/26/1989**

LAT:

LONG:

CABLE TOOL RIGTOC @ Surface
Circ'd 25sx cmt

541' Csg

TOC @ 1,192'
Calculated - 75% SFTOPS DEPTH, ft

SALT	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	1,378
GLORIETTA	

AFTER WORKOVER
ADDITIONAL SAN ANDRES PERFS
1,978'-2,048': 53' 2spf - 106 perfs
TOTAL PERFS: 53' - 133 perfs
PLUS 65' of SA O/H 2,061'-2,126'

PERFS: ZONE SPF - # Holes DATE

1,978' - 2,048' (OA)	SAN ANDRES	53' 2 spf - 106 holes	NEW PERFS
1980',81',82',86',87',88',	SAN ANDRES	6' 1 spf - 6 holes	04/14/89
1994',96',97',2007',08',	SAN ANDRES	5' 1 spf - 5 holes	04/14/89
2012',13',14',26',27',31',	SAN ANDRES	6' 1 spf - 6 holes	04/14/89
2032',33',34',35',36',42',	SAN ANDRES	6' 1 spf - 6 holes	04/14/89
2043',44',45',2046	SAN ANDRES	4' 1 spf - 4 holes	04/14/89
TOTALS ==>		53' --- 133 holes	

2,061' Csg

3-1/2" HOLE

3-1/2" O/H 2061'-2126' SAN ANDRES 65' of Open-Hole NEW

2,126' TD / 2,126' PBDT

Originally Drilled as the PATHFINDER AFT STATE #005 by YATES PETROLEUM CORP.

Cumulative Prod. (03/31/20):

OIL	76.493	MBO
GAS	29.450	MMCF
WATER	15.173	MBW
INJECT.	----	MBW

HPS: 09/17/2020

PATHFINDER AFT STATE #005**WELL PERFORATION, ACID JOB, FRAC JOB, & WELL TEST DETAILS**

PERFS			ACID JOB(S)			FRAC JOB(S)						INITIAL POTENTIAL TEST			
<u>TOP</u>	<u>BOTTOM</u>	<u>ZONE</u>	<u>DATE</u>	<u>ACID GALS</u>	<u>ACID TYPE</u>	<u>DATE</u>	<u>FRAC FLUID GALS</u>	<u>FLUID TYPE</u>	<u>SAND LBS</u>	<u>SAND SIZE</u>	<u>REMARKS</u>	<u>TEST DATE</u>	<u>OIL BOPD</u>	<u>GAS MCFD</u>	<u>WATER BWPD</u>
1,980	1,982	(3') SAN ANDRES	4/14/1989	5,000	20% NEFE HCl							4/26/1989	80	30	0
1,986	1,988	(3') SAN ANDRES													
1,994		(1') SAN ANDRES													
1,996	1,997	(2') SAN ANDRES													
2,007	2,008	(2') SAN ANDRES													
2,012	2,014	(3') SAN ANDRES													
2,026	2,027	(2') SAN ANDRES													
2,031	2,036	(6') SAN ANDRES													
2,042	2,046	(5') SAN ANDRES													

GOR=375 scf/stb

District I
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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, NM 87505

Submit Original
to Appropriate
District Office

GAS CAPTURE PLAN

Date: 3/10/2021

☒ Original Operator & OGRID No.: [330238] SOLIS PARTNERS L.L.C.____
☐ Amended - Reason for Amendment: _____

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
PATHFINDER AFT STATE #5	30-005-62665	O-21-10S-27E	0330S 1650E	10	NONE	FLOW TO BATTERY & SALES METER

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to IACX ROSWELL and will be connected to IACX ROSWELL low pressure gathering system located in CHAVEZ County, New Mexico. It will require 0' of pipeline to connect the facility to low pressure gathering system. SOLIS PARTNERS L.L.C. provides (periodically) to IACX ROSWELL a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, SOLIS PARTNERS L.L.C. and IACX ROSWELL have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at IACX PATHFINDER AMINE Processing Plant located in Sec. 21, Twn. 10S, Rng. 27E, CHAVEZ County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on IACX ROSWELL system at that time. Based on current information, it is SOLIS PARTNER L.L.C.'s belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

Office
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 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 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-103
 Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-005-62665
2. Name of Operator SOLIS PARTNERS, L.L.C.		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator P. O. BOX 5790, MIDLAND, TX., 79704		6. State Oil & Gas Lease No. LG-5246
4. Well Location Unit Letter <u>O</u> : 330 feet from the <u>SOUTH</u> line and <u>1,650</u> feet from the <u>EAST</u> line Section <u>21</u> Township <u>10-S</u> Range <u>27-E</u> NMPM County <u>CHAVEZ</u>		7. Lease Name or Unit Agreement Name PATHFINDER AFT STATE
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,838' GR		8. Well Number 5
		9. OGRID Number 330238
		10. Pool name or Wildcat DIABLO; SAN ANDRES

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

DRILL 65' OPEN HOLE IN SAN ANDRES

- MIRU workover rig.
- Clean-Out wellbore with bit & casing scraper to PBTD at +/- 2,054'. Existing San Andres perfs: 1980'-2046' (27 perfs – 1 spf). Circulate hole clean.
- Rig up Power Swivel & Reverse Unit. GIH with bit & drill collars on workstring. Drill out 4-1/2" 9.5# J-55 casing shoe @ 2,061' and drill approximately 65' of openhole in San Andres to the base of the SA P-2 zone at approx. 2,126'. Circulate openhole and casing clean.
- Run cased-hole GR/CCL/GR log from approx. 1,000' to openhole TD @ 2,126'.
- Add San Andres perfs: 1978'-2048' (53' @ 2spf – 106 perfs).
- Set packer on workstring at approx. 2054'. Acidize openhole 2061'-2120' with 20% NEFE HCl + additives for each foot of SA pay encountered.
- Set 4-1/2" composite bridge plug at approx. 2054' in casing & set packer on workstring at approx. 1940'. Test 4-1/2" csg above packer to 200 psig.
- Acidize old & new SA perfs with 20% NEFE HCl + additives.
- Flowback well from upper acid job, to recover load.
- Drill out composite bridge plug at 2054'.
- Flowback well, swab if necessary, to recover all load and clean up after acid job.
- Clean-Out wellbore & openhole to TD at +/- 2,126'. Circulate hole clean.
- RIH with 2-3/8" 4.7# J-55 EUE tubing, rods, and pump. Hang well on & return to production. RDMO workover rig.
- Test well.

Spud Date: 02/15/2021

Rig Release Date: 02/20/2021

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

SIGNATURE Debi Garza TITLE Regulatory Analyst DATE 1/22/2021

Type or print name Debi Garza

E-mail address: debi.garza@solispartnersllc.com

PHONE: 432-888-1880

For State Use Only

APPROVED BY: John Garcia TITLE Petroleum Specialist DATE 3/11/2021

Conditions of 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 Rd., Aztec, NM 87410
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District IV
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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

COMMENTS

Action 20422

COMMENTS

Operator: SOLIS PARTNERS, L.L.C. P.O. Box 5790 Midland, TX79704			OGRID: 330238	Action Number: 20422	Action Type: C-103X
Created By	Comment			Comment Date	
kpickford	KP GEO Review 3/11/2021			03/11/2021	

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CONDITIONS

Action 20422

CONDITIONS OF APPROVAL

Operator:	SOLIS PARTNERS, L.L.C.	P.O. Box 5790	Midland, TX79704	OGRID:	330238	Action Number:	20422	Action Type:	C-103X
OCD Reviewer	Condition								
jagarcia	None								